Canadian Intellectual Property Office
An Agency of Industry Canada

Office de la propriété intellectuelle du Canada
Un organisme d'Industrie Canada

Canadian Patent Office Record

La Gazette du Bureau des brevets

Vol. 132 No. 30 July 27, 2004

Vol. 132 Nº. 30 le 27 juillet 2004

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

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Table of Contents

Table des matières

Notices
Avis 1

Canadian Patents Issued
Brevets canadiens délivrés 11

Canadian Applications Open to Public Inspection
Demandes canadiennes mises à la disponibilité du public 33

PCT Applications Entering the National Phase
Demandes PCT entrant en phase nationale 53

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant 85

Index of Canadian Patents Issued
Index des brevets canadiens délivrés 89

Index of Canadian Applications Open to Public Inspection
Index des demandes canadiennes mises à la disponibilité du public 93

Index of PCT Applications Entering the National Phase
Index des demandes PCT entrant en phase nationale 97

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant 103

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application

[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Reissue Grant Date
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disposition publique
[45] - Date de délivrance
[48] - Date de redélivrance
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site at: **www.wipo.int/scit/en/standards/standards.htm**.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI à : **www.wipo.int/scit/fr/standards/standards.htm**.

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting **www.strategis.ic.gc.ca/patentsorder** or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting a copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site web au **www.strategis.ic.gc.ca/brevetscommande** ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 10 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 10 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing

2,361,729

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence.

2,361,729

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. PATENT COOPERATION TREATY (PCT)

SCHEDULE OF FEES APPLICABLE FROM JULY 26, 2004

1. **Transmittal Fee** (Rule 14)	**$300**
2. * **International Filing Fee** (Rule 15.2(a))	**$1489**
Amount for each additional sheet over 30	**$16**
3. **International Search Fee**	**$1600**

The above-mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Office). These fees are to be paid in Canadian dollars and made payable to the Receiver General for Canada.

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

5. **Late Payment Fee**	**50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: International Filing Fee**

Preliminary Examination

6. **Handling Fee** (Rule 57.2(a))	**$213**
7. **Preliminary Examination Fee** (Rule 58)	**$800**

Beginning July 26, 2004, Canada will become the International Searching Authority and International Preliminary Examining Authority for international applications filed by Canadian applicants.

* International fees will be reduced by **$106** for all applications filed using PCT-SAFE**
** PCT-SAFE is replacing PCT-EASY.

11. TRAITÉ DE COOPÉRATION EN MATIERE DE BREVETS (PCT)

BARÈME DE TAXES À PARTIR DU 26 JUILLET 2004

1. **Taxe de transmission** (Règle 14)	**300 $**
2. * **Taxe de dépôt internationale** (Règle 15.2(a))	**1489 $**
Montant pour chaque feuille au delà de 30	**16 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande, (soit la date de réception de la demande internationale). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

5. **Taxe pour paiement tardif**	**50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base**

Examen préliminaire

6. **Taxe de traitement** (Règle 57.2(a))	**213 $**
7. **Taxe d'examen préliminaire** (Règle 58)	**800 $**

A partir du 26 juillet 2004, le Canada deviendra officiellement l'Autorité de Recherche Internationale et d'Examination Préliminaire International pour les demandes internationales déposées par les demandeurs canadiens.

* Les frais seront réduit de **106 $** pour toutes les demandes déposées en utilisant PCT-SAFE**
** PCT-SAFE remplacera PCT-EASY.

12. PCT notices

PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten).

(See PCT -Applicant's Guide, **http://www.wipo.int**)

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at Information Products Section, Post Office Box 18, 1211 Geneva 20, Switzerland, Telephone (011 41 22) 338-9618, Facsimile (011 41 22) 740-1812 or by E-Mail at **publications.mail@wipo.int** or visit their website at **http// www.wipo.int**.

12. Avis PCT

Exigences des signatures du PCT

Veuillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire.
(Voir le Guide du déposant du PCT, **http://www.wipo.int**)

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à **publications.mail@wipo.int** ou visiter leur site web à **http//www.wipo.int**.

13. PRACTICE NOTICE

STATUTORY HOLIDAYS *(DIES NON)*

Note: This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents

13. ÉNONCÉ DE PRATIQUE

JOURS FÉRIÉS (*DIES NON*)

Nota : Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés

transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day on which such Office or organization is not open to the public for the purposes of the transaction of official business, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are

à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

«Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant auquel aucune de ces deux circonstances n'existe plus.»

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéres-

properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day)

When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

1) All Saturdays and Sundays
2) *New Year's Day (Jan. 1)
3) Good Friday
4) Easter Monday
5) Victoria Day - First Monday immediately preceding May 25

6) *St. John the Baptist Day (June 24)
7) *Canada Day (July 1)
8) Labour Day - First Monday in September
9) Thanksgiving Day - Second Monday in October
10) *Remembrance Day (November 11)
11) *Christmas Day (December 25)
12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

*If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

sent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, qui sont des jours fériés dans au moins une province ou territoire:

1) **Alberta**: 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique**: 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick**: 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse**: 1er lundi d'août(congé statutaire)
5) **Ontario**: 1er lundi d'août (congé statuaire)
6) **Québec**: 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan**: 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon**: 3e lundi d'août (Jour de la Découverte)

Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants:

1) Tous les samedi et dimanche
2) *Jour de l'An (1er janvier)
3) Vendredi Saint
4) Lundi de Pâques
5) Fête de Victoria - premier lundi précédant immédiatement le 25 mai
6) *Saint-Jean-Baptiste (le 24 juin)
7) *Fête du Canada (1er juillet)
8) Fête du travail - premier lundi de septembre
9) Jour de l'Action de grâces - deuxième lundi d'octobre
10) *Jour du souvenir (11 novembre)
11) *Jour de Noël (25 décembre)
12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

*Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 27, 2004 contains applications open to public inspection from July 4, 2004 - July 10, 2004

14. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 4 juillet 2004 - 10 juillet 2004

Canadian Patents Issued

July 27, 2004

Brevets canadiens délivrés

27 juillet 2004

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[11] **2,056,371**
[13] C
[51] **Int.Cl. 5A61K 49/00 5A61B 8/00**
[25] EN
[54] **STABLE MICROBUBBLES SUSPENSIONS INJECTABLE INTO LIVING ORGANISMS**
[54] **SUSPENSIONS DE MICROBULLES STABLES INJECTABLES DANS DES ORGANISMES VIVANTS**
[72] SCHNEIDER, MICHEL, CH
[72] BICHON, DANIEL, FR
[72] BUSSAT, PHILIPPE, FR
[72] PUGINIER, JEROME, FR
[72] HYBL, EVA, CH
[73] BRACCO INTERNATIONAL B.V., NL
[85] 1991-11-29
[86] 1991-04-02 (PCT/EP1991/000620)
[87] (WO1991/015244)
[30] EP (90810262.7) 1990-04-02

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[13] C
[51] **Int.Cl. 5C07C 233/20 5A61K 7/00 5A61K 31/16**
[25] FR
[54] **CERAMIDES, LEUR PROCEDE DE PREPARATION ET LEURS APPLICATIONS EN COSMETIQUE ET EN DERMOPHARMACIE**
[54] **CERAMIDES; PROCESS FOR PREPARING THE SAME AND THEIR USE AS COSMETIC AND SKIN PHARMACEUTICAL AGENTS**
[72] ZYSMAN, ALEXANDRE, FR
[72] VANLERBERGHE, GUY, FR
[72] SEMERIA, DIDIER, FR
[73] L'OREAL, FR
[22] 1992-02-21
[30] FR (91 02091) 1991-02-21

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[51] **Int.Cl. 5C11D 3/39 5D06L 3/02**
[25] EN
[54] **OXIDANT COMPOSITION CONTAINING STABLE BLEACH ACTIVATOR GRANULES**
[54] **COMPOSITION OXYDANTE CONTENANT DES GRANULES D'ACTIVATEURS DE BLANCHIMENT STABLES**
[72] BRODBECK, KEVIN J., US
[72] OTTOBONI, THOMAS B., US
[72] SPILLETT, CRIS TINA, US
[72] STEICHEN, DALE S., US
[72] THOMPSON, SUZANNE M, US
[72] ZIELSKE, ALFRED G., US
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[73] THE CLOROX COMPANY, US
[22] 1992-03-11
[30] US (07/674,844) 1991-03-25

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[13] C
[51] **Int.Cl. 5C02F 5/10**
[25] EN
[54] **INHIBITION OF SILICA AND SILICATE DEPOSITION IN COOLING WATER SYSTEMS**
[54] **METHODE POUR EMPECHER LA FORMATION DE DEPOTS D'OXYDE DE SILICIUM ET DE SILICATE DANS LES CIRCUITS D'EAU DE REFROIDISSEMENT**
[72] FREESE, DONALD T., US
[73] BETZDEARBORN INC., US
[22] 1992-03-18
[30] US (07/729,519) 1991-07-12

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[13] C
[51] **Int.Cl. 5C12N 15/18 5C12N 9/12 6C07K 16/28 5A61K 39/395 5A61K 47/48 5C12N 15/54 5G01N 33/566 5G01N 33/577 5C12Q 1/68 6C07K 14/71 6C07K 14/82**
[25] EN
[54] **DNA SEGMENT ENCODING A GENE FOR A RECEPTOR RELATED TO THE EPIDERMAL GROWTH FACTOR RECEPTOR**
[54] **SEGMENT D'ADN CODANT UN GENE POUR UN RECEPTEUR LIE AU RECEPTEUR DES FACTEURS DE CROISSANCE EPIDERMIQUE**
[72] KRAUS, MATTHIAS H., US
[72] AARONSON, STUART A., US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE CRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[87] (WO1991/008214)
[30] US (444,406) 1989-12-01

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[13] C
[51] **Int.Cl. 5C02F 5/12**
[25] EN
[54] **POLYASPARTIC ACID AS A CALCIUM SULFATE AND A BARIUM SULFATE INHIBITOR**
[54] **L'ACIDE POLYASPARTIQUE UTILISE COMME INHIBITEUR DU SULFATE DE CALCIUM ET DU SULFATE DE BARYUM**
[72] KOSKAN, LARRY P., US
[72] LOW, KIM C., US
[73] DONLAR CORPORATION, US
[85] 1992-11-19
[86] 1992-03-19 (PCT/US1992/002216)
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[30] US (671,380) 1991-03-19

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[13] C
[51] **Int.Cl. 5E21D 15/50**
[25] EN
[54] **PRELOAD HEADBOARD FOR AN ELONGATE PROP**
[54] **TRAVERSE D'APPUI POUR ETAI DE FORME ALLONGEE**
[72] PIENAAR, FRANS ROELOF PETRUS, ZA
[73] MONDI LIMITED, ZA
[22] 1992-12-18
[30] ZA (91/9946) 1991-12-18

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[13] C
[51] **Int.Cl. 5A61F 13/32**
[25] EN
[54] **TAMPON APPLICATOR**
[54] **APPLICATEUR DE TAMPON**
[72] CAMPION, TERESE A., US
[72] ALBRIGHT, MARK D., US
[72] DAVISON, BETSY A., US
[73] TAMBRANDS, INC., US
[22] 1993-01-12
[30] US (819,753) 1992-01-13

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[13] C
[51] **Int.Cl. 5B60J 1/12**
[25] FR
[54] **VITRAGE LATERAL DEPLACABLE EN HAUTEUR POUR VEHICULES AUTOMOBILES**
[54] **VERTICALLY MOVABLE SIDE GLAZING FOR MOTOR VEHICLES**
[72] KUSTER, HANS-WERNER, DE
[72] KRAMLING, FRANZ, DE
[72] BERNDSEN, FRIEDRICH-WILHELM, DE
[73] SAINT GOBAIN VITRAGE INTERNATIONAL, FR
[22] 1993-02-09
[30] DE (P 42 03 752.2) 1992-02-10

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[13] C
[51] **Int.Cl. 5B05B 1/08**
[25] EN
[54] **METHOD AND APPARATUS FOR CONVERTING PRESSURIZED LOW CONTINUOUS FLOW TO HIGH FLOW IN PULSES**
[54] **METHODE ET APPAREIL POUR ELEVER LA PRESSION D'UNE MANIERE INTERMITTENTE D'UN LIQUIDE CONTENU DANS UN DEBIT A FAIBLE PRESSION**
[72] RUTTENBERG, GIDEON, US
[73] DEVELOPED RESEARCH FOR IRRIGATION PRODUCTS, INC., US
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[87] (WO1992/004126)

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[51] **Int.Cl. 5B41F 9/01**
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[54] **DISPOSITIF D'IMPRESSION**
[72] MANDZUK, RAYMOND A., CA
[73] MANDZUK, RAYMOND A., CA
[22] 1993-05-14
[30] US (08/057,779) 1993-05-06

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[13] C
[51] **Int.Cl. 5B21D 53/02 5B21C 37/22 5B23P 15/26**
[25] EN
[54] **REFRIGERANT TUBES FOR HEAT EXCHANGERS**
[54] **CONDUITES DE FRIGORIGENE POUR ECHANGEURS DE CHALEUR**
[72] HIRANO, HIROSABURO, JP
[72] YAMAMOTO, YUJI, JP
[72] ITO, SHINJI, JP
[73] SHOWA DENKO K.K., JP
[22] 1993-06-17
[30] JP (5-68578) 1993-03-26

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[13] C
[51] **Int.Cl. 5C07D 233/32 5C07D 235/02 5C07C 323/52**
[25] EN
[54] **PLEUROMUTILIN DERIVATIVES**
[54] **DEVIRES DE LA PLEUROMUTILINE**
[72] MACHER, INGOLF, AT
[73] BIOCHEMIE GESELLSCHAFT MBH, AT
[85] 1993-11-12
[86] 1993-04-29 (PCT/EP1993/001033)
[87] (WO1993/022288)
[30] AT (A897/92) 1992-05-04

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[13] C
[51] **Int.Cl. 5C03B 5/237**
[25] EN
[54] **GLASS FURNACES**
[54] **FOUR DE VERRERIE**
[72] QUIRK, RICHARD, GB
[72] BIRD, DAVID ALAN, GB
[72] SHULVER, IAN NIGEL WILLIAM, GB
[72] MCINTOSH, ROBIN MAXWELL, GB
[73] PILKINGTON GLASS LIMITED, GB
[22] 1993-11-18
[30] GB (9224852.5) 1992-11-27
[30] GB (9310720.9) 1993-05-25

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[13] C
[51] **Int.Cl. 5C07C 237/26 5C07C 231/12 5C07D 295/15 5C07C 247/16 5C07D 207/16 5C07C 245/20 5C07C 271/24 5C07D 211/34 5C07C 323/41 5C07C 255/60 5C07D 233/61 5A61K 31/65**
[25] EN
[54] **NOVEL 7-(SUBSTITUTED)-8-(SUBSTITUTED-9-(SUBSTITUTED AMINO)-6-DEMETHYL-6-DEOXYTETRACYCLINES**
[54] **7-(SUBSTITUANT)-8-(SUBSTITUANT-9-(AMINO SUBSTITUE)-6-DEMETHYL-6-DESOXYTETRACYCLINES**
[72] SUM, PHAIK-ENG, US
[72] LEE, VING J., US
[72] HLAVKA, JOSEPH J., US
[72] TESTA, RAYMOND T., US
[73] WYETH HOLDINGS CORPORATION, US
[22] 1993-08-11
[30] US (07/928,598) 1992-08-13

[11] **2,104,668**
[13] C
[51] **Int.Cl. 5F16L 35/00 5F16L 37/133**
[25] EN
[54] **FLUID COUPLING AND FASTENER CAPTURE DEVICE**
[54] **DISPOSITIF DE CAPTURE ET COUPLEUR HYDRAULIQUE**
[72] BYNUM, KURT K., US
[73] MOELLER MANUFACTURING CO., INC., US
[85] 1993-08-23
[86] 1992-02-21 (PCT/US1992/001374)
[87] (WO1992/015816)
[30] US (07/660,645) 1991-02-25
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[13] C
[51] **Int.Cl. 5C08L 23/22 5C08L 53/00 5C08L 23/28**
[25] EN
[54] **BUTYL ELASTOMERIC COMPOSITIONS**
[54] **COMPOSITIONS ELASTOMERES BUTYLIQUES**
[72] KASZAS, GABOR, CA
[72] PUSKAS, JUDIT EVA, CA
[73] BAYER INC., CA
[22] 1993-10-26
[30] US (974,552) 1992-11-12

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[13] C
[51] **Int.Cl. 5E05B 9/04**
[25] EN
[54] **WEB FOR A BUILT-IN DOUBLE LOCK CYLINDER**
[54] **PANNETON POUR CYLINDRE A DOUBLE TOUR ENCASTRE**
[72] KELLER, ERNST, CH
[73] KELLER, ERNST, CH
[22] 1993-11-24
[30] CH (231/93-3) 1993-01-27

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[13] C
[51] **Int.Cl. 5A41D 13/00 5A63B 71/08 5A41D 1/22**
[25] EN
[54] **EXERCISE GARMENT**
[54] **VETEMENT D'ENTRAINEMENT**
[72] PRICE, LISA N., US
[73] PRICE, LISA N., US
[85] 1993-12-03
[86] 1992-06-04 (PCT/US1992/004652)
[87] (WO1992/022222)
[30] US (711,171) 1991-06-05

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[13] C
[51] **Int.Cl. 5B01D 19/00 5C10G 5/00 5C10G 7/00 5B01D 17/02**
[25] FR
[54] **PROCEDE DE DESHYDRATATION ET/OU DE FRACTIONNEMENT SIMULTANE D'UN EFFLUENT DE GISEMENT PETROLIER**
[54] **PROCESS FOR SIMULTANEOUSLY DEHYDRATING AND/OR FRACTIONATING AN OIL DEPOSIT EFFLUENT**
[72] LERMITE, CHRISTOPHE, FR
[72] LARUE, JOSEPH, FR
[72] ROJEY, ALEXANDRE, FR
[73] INSTITUT FRANCAIS DU PETROLE, FR
[22] 1993-12-30
[30] FR (92/16 032) 1992-12-30

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[51] **Int.Cl. 5B01J 23/76**
[25] FR
[54] **CATALYSEUR DE REFORMAGE A LA VAPEUR ET SA METHODE DE PREPARATION**
[54] **STEAM REFORMING PROCESS CATALYST AND PREPARATION METHOD THEREOF**
[72] BANGALA, DENIS NGOY, CA
[72] CHORNET, ESTEBAN, CA
[73] KEMESTRIE, CA
[22] 1994-02-04

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[11] **2,116,798**
[13] C
[51] **Int.Cl. 5B65B 43/34**
[25] EN
[54] **METHOD OF LOADING PRODUCT INTO A CONTAINED BAG**
[54] **METHODE DE CHARGEMENT ET D'EMBALLAGE**
[72] DAVIS, ROBERT, CA
[73] LIQUI-BOX CANADA INC., CA
[22] 1994-03-02

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[13] C
[51] **Int.Cl. 5H01R 13/58**
[25] EN
[54] **ADJUSTABLE ELECTRICAL CORD CLAMP**
[54] **SERRE-CABLE ELECTRIQUE REGLABLE**
[72] HOFFMAN, ERNEST G., US
[73] HUBBELL INCORPORATED, US
[22] 1994-03-04
[30] US (08/040,993) 1993-03-31

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[51] **Int.Cl. 5A61K 31/505 5A61K 31/495**
[25] EN
[54] **AGENTS FOR TREATING SUBSTANCE ABUSE DISORDERS**
[54] **AGENTS UTILISES DANS LE TRAITEMENT DES TOXICOMANIES**
[72] BJORK, ANDERS, SE
[72] ANDERSSON, GUNNAR, SE
[73] BIOVITRUM AB, SE
[85] 1994-10-19
[86] 1993-04-19 (PCT/SE1993/000339)
[87] (WO1993/020821)
[30] SE (9201239.2) 1992-04-21

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[13] C
[51] **Int.Cl. 5B65D 25/28 5B65D 3/22 5B65D 5/46**
[25] EN
[54] **CONTAINER HAVING EAR AND A METHOD FOR MANUFACTURING THE SAME**
[54] **CONTENANT MUNI D'UNE ENTAILLE ET METHODE DE FABRICATION**
[72] YAMANAKA, NOBUO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 1994-04-15
[86] 1993-08-19 (PCT/JP1993/001161)
[87] (WO1994/004421)
[30] JP (4/63926U) 1992-08-19

[11] **2,123,422**
[13] C
[51] **Int.Cl. 5F16B 25/10**
[25] EN
[54] **ANCHORAGE**
[54] **ANCRAGE**
[72] ROSENBERG, MIKAEL, SE
[73] ROSENBERG, MIKAEL, SE
[85] 1994-05-11
[86] 1992-11-11 (PCT/SE1992/000775)
[87] (WO1993/010363)
[30] SE (9103335-7) 1991-11-13

[11] **2,124,136**
[13] C
[51] **Int.Cl. 5C07D 275/02 5C07D 265/02 5C07D 413/04 5C07D 417/04 5C07D 419/04 5C07D 291/06 5C07F 7/10**
[25] EN
[54] **METHOD FOR PRODUCING BENZYLIDENE DERIVATIVES**
[54] **METHODE POUR L'OBTENTION DE DERIVES DU BENZYLIDENE**
[72] HAGA, NOBUHIRO, JP
[72] INAGAKI, MASANAO, JP
[72] MATSUMOTO, SAICHI, JP
[72] KAMATA, SUSUMU, JP
[73] SHIONOGI & CO., LTD., JP
[22] 1994-05-24
[30] JP (123909/1993) 1993-05-26
[30] JP (084438/1994) 1994-04-22

[11] **2,124,264**
[13] C
[51] **Int.Cl. 5F02D 23/02**
[25] EN
[54] **TURBOCHARGED INTERNAL COMBUSTION ENGINE**
[54] **TURBO DIESEL**
[72] RAMSDEN, JOHN NIGEL, GB
[72] DRAKE, IAN WALTER, GB
[73] MAN B&W DIESEL LTD., GB
[22] 1994-05-25

[11] **2,128,600**
[13] C
[51] **Int.Cl. 5G01N 33/46 5G01N 33/34 5G01N 21/85**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINATION OF REFINER MECHANICAL PULP PROPERTIES**
[54] **METHODE ET APPAREIL SERVANT A DETERMINER LES PROPRIETES DE LA PATE MECANIQUE DE RAFFINEUR**
[72] SAARINEN, KARI, FI
[73] METSO AUTOMATION OY, FI
[85] 1994-07-21
[86] 1993-01-22 (PCT/FI1993/000023)
[87] (WO1993/015389)
[30] FI (920341) 1992-01-24

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[13] C
[51] **Int.Cl. 6C07K 14/415 5A23J 1/12 6C07K 1/30**
[25] EN
[54] **PROCESSES OF PRODUCING AMYLASE INHIBITORS**
[54] **METHODES DE PREPARATION D'INHIBITEURS D'AMYLASE**
[72] MIYAZAKI, TOSHIYUKI, JP
[72] MORIMOTO, TOSHIHISA, JP
[72] MURAYAMA, RYUJI, JP
[73] NAGATA SANGYO CO., LTD., JP
[73] NISSHIN PHARMA INC., JP
[22] 1994-08-01
[30] JP (213500/1993) 1993-08-06

[11] **2,130,629**
[13] C
[51] **Int.Cl. 5F25D 17/04 5F25D 11/02**
[25] EN
[54] **TOP MOUNT REFRIGERATOR WITH AIR TOWER AND BAFFLE IN AIR CIRCULATION SYSTEM**
[54] **REFRIGERATEUR A DEUX COMPARTIMENTS MUNI D'UN SYSTEME DE CIRCULATION D'AIR COMPRENANT UNE COLONNE D'AIR ET DES DEFLECTEURS**
[72] PICKLES, ERNEST C., US
[72] MICU, ADRIAN L., US
[73] WHIRLPOOL CORPORATION, US
[22] 1994-08-22
[30] US (08/120,803) 1993-09-15

[11] **2,133,862**
[13] C
[51] **Int.Cl. 5B42F 11/04**
[25] EN
[54] **MAGNETIC PAPER CLAMP AND METHOD OF PRODUCING SAME**
[54] **PINCE-FEUILLES ET SA METHODE DE FABRICATION**
[72] KRAPF, WALLACE A., US
[73] KRAPF, WALLACE A., US
[22] 1994-10-07
[30] US (08/219,711) 1994-03-29

[11] **2,134,209**
[13] C
[51] **Int.Cl. 5C10G 9/00**
[25] EN
[54] **THERMAL CRACKING**
[54] **CRAQUAGE THERMIQUE**
[72] GOUGH, ARTHUR, GB
[72] RAMSHAW, COLIN, GB
[73] HUNTSMAN PETROCHEMICALS (UK) LIMITED, GB
[85] 1994-10-24
[86] 1993-04-30 (PCT/GB1993/000920)
[87] (WO1993/023498)
[30] GB (9210655.8) 1992-05-19

[11] **2,134,344**
[13] C
[51] **Int.Cl. 5H04N 5/76**
[25] EN
[54] **TELEVISION PROGRAM RECORD SCHEDULING USING COMPRESSED CODES**
[54] **PROGRAMMATION DE L'ENREGISTREMENT D'EMISSIONS DE TELEVISION AU MOYEN DE CODES COMPRIMES**
[72] YUEN, HENRY C., US
[72] KWOH, DANIEL S., US
[72] CHO, KAR CHEONG, HK
[73] GEMSTAR DEVELOPMENT CORPORATION, US
[85] 1994-10-25
[86] 1993-04-30 (PCT/US1993/004097)
[87] (WO1993/022872)
[30] US (07/877,687) 1992-05-01
[30] US (07/965,075) 1992-10-22

[11] **2,136,385**
[13] C
[51] **Int.Cl. 5A47J 37/04 5A21B 1/42**
[25] EN
[54] **BELT COOKING APPARATUS**
[54] **APPAREIL DE CUISSON SUR CHAINE**
[72] ALDEN, LORNE B., US
[72] CHAPMAN, RICHARD H., US
[72] STERLING, GREG M., US
[73] G.S. BLODGETT CORPORATION, US
[22] 1994-11-22
[30] US (08/158,581) 1993-11-29

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[13] C
[51] **Int.Cl. 5G06F 9/40**
[25] EN
[54] **METHOD AND SYSTEM FOR DYNAMICALLY GENERATING OBJECT CONNECTIONS**
[54] **DISPOSITIF POUR LA CREATION DYNAMIQUE DE CONNEXIONS**
[72] STUTZ, DAVID S., US
[72] ZIMMERMAN, CHRISTOPHER A., US
[73] MICROSOFT CORPORATION, US
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[54] **RESEAU DE TRANSDUCTEURS SONAR PASSIFS**
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[73] FERRANTI-THOMSON SONAR SYSTEMS U.K. LIMITED, GB
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[30] GB (9405103.4) 1994-03-16

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[51] **Int.Cl. 6B27L 5/02**
[25] EN
[54] **AUTOMATIC ADJUSTMENT OF VENEER LATHE NOSE BAR HEIGHT RELATIVE TO KNIFE DURING PEELING**
[54] **REGLAGE AUTOMATIQUE DE LA HAUTEUR DE LA BARRE DE PRESSION D'UNE DEROULEUSE, PAR RAPPORT AU COUTEAU DURANT L'OPERATION DE DEROULAGE**
[72] ELY, GARY W., US
[73] THE COE MANUFACTURING COMPANY, US
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[51] **Int.Cl. 6C08G 73/10 6C08G 69/00**
[25] EN
[54] **PRODUCTION OF POLYSUCCINIMIDE AND POLYASPARTIC ACID FROM MALEIC ANHYDRIDE AND AMMONIA**
[54] **PRODUCTION DE POLYSUCCINIMIDE ET D'ACIDE POLYASPARTIQUE A PARTIR DE L'ANHYDRIDE MALEIQUE ET DE L'AMMONIAC**
[72] KOSKAN, LARRY PAUL, US
[72] MEAH, ABDUL REHMAN Y., US
[73] DONLAR CORPORATION, US
[85] 1995-03-17
[86] 1993-09-17 (PCT/US1993/008860)
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[25] EN
[54] **PANEL CAB**
[54] **CABINE A PANNEAUX**
[72] MARTIN, ROBERT P., JR., US
[73] MARTIN SHEET METAL, INC., US
[85] 1995-07-07
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[51] **Int.Cl. 6B01J 31/24 6C07C 69/02 6C07C 219/06 6C07C 213/08 6C07C 255/23 6C07C 253/30 6C07C 67/38**
[25] EN
[54] **NON-ACIDIC PALLADIUM-BASED CATALYST SYSTEM AND ITS USE IN CARBONYLATION**
[54] **SYSTEME CATALYSEUR A BASE DE PALLADIUM NON ACIDE ET SON UTILISATION POUR LA CARBONYLATION**
[72] DRENT, EIT, NL
[72] PELLO, DENNIS HUMPHREY LOUIS, NL
[72] HASSELAAR, MELIS, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 1995-08-07
[86] 1994-02-07 (PCT/EP1994/000379)
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[25] EN
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[54] **COUCHES FAISANT BARRIERE DE DIFFUSION**
[72] DEAKIN, MARTIN JOHN, GB
[72] NICHOLLS, JOHN RAYMENT, GB
[73] QINETIQ LIMITED, GB
[85] 1995-08-14
[86] 1994-02-15 (PCT/GB1994/000301)
[87] (WO1994/018359)
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[25] EN
[54] **PETROLEUM FUEL ANTIFOAM ADDITIVES**
[54] **ADDITIFS ANTIMOUSSES POUR CARBURANT A BASE DE PETROLE**
[72] LOMBARDI, ALESSANDRO, BE
[72] DAVIES, BRIAN WILLIAM, GB
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 1995-08-25
[86] 1994-02-24 (PCT/EP1994/000550)
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[25] EN
[54] **DENTAL MAGNETIC ATTACHMENT**
[54] **ACCESSOIRE DENTAIRE MAGNETIQUE**
[72] HONKURA, YOSHINOBU, JP
[72] LEI, TIAN, JP
[72] FUJII, HIDEKI, JP
[72] ARAI, KAZUO, JP
[72] TANAKA, YOSHINOBU, JP
[73] AICHI STEEL WORKS, LTD., JP
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[51] **Int.Cl. 6C07F 7/08 6C22B 13/00 6C22B 26/00 6C22B 61/00 6G01N 30/48**
[25] EN
[54] **PROCESS FOR REMOVING, SEPARATING AND CONCENTRATING METALS**
[54] **METHODE D'ENLEVEMENT, DE TRIAGE ET DE CONCENTRATION DE METAUX**
[72] KRAKOWIAK, KRZYSZTOF E., US
[72] TARBET, BRYON J., US
[72] AN, HAOYUN, US
[72] JOHNSON, DEBORAH F., US
[72] BRUENING, RONALD L., US
[73] IBC ADVANCED TECHNOLOGIES, INC., US
[85] 1995-11-06
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[30] US (08/058,437) 1993-05-07

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[13] C
[51] **Int.Cl. 6E21B 17/10 6E21B 7/04**
[25] EN
[54] **DRILL PIPE FOR DIRECTIONAL DRILLING**
[54] **TIGE UTILISEE POUR LE FORAGE DIRIGE**
[72] STEWART, ARTHUR DEACEY, GB
[72] SCHMIDT, KARL, GB
[73] STABLE SERVICES LIMITED, GB
[85] 1995-11-10
[86] 1994-05-09 (PCT/GB1994/001001)
[87] (WO1994/027024)
[30] GB (9310029.5) 1993-05-15

[11] **2,163,425**
[13] C
[51] **Int.Cl. 6A61B 5/028 6G01F 1/68**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING FLOW USING FREQUENCY-DISPERSIVE TECHNIQUES**
[54] **METHODE ET APPAREIL DE MESURE DE DEBITS UTILISANT LA DISPERSION EN FREQUENCE**
[72] DIXON, ROBERT C., US
[72] LAPP, THEODORE R., US
[72] BOBO, DONALD E., JR., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 1995-11-21
[86] 1994-05-31 (PCT/US1994/006138)
[87] (WO1994/028788)
[30] US (08/071,838) 1993-06-04

[11] **2,167,539**
[13] C
[51] **Int.Cl. 6A63B 15/00 6A63B 21/06**
[25] EN
[54] **EXERCISING DEVICE AND METHOD OF USING SAME**
[54] **EXERCISEUR ET METHODE Y FAISANT APPEL**
[72] GLOBUS, KARIN R., US
[73] GLOBUS, KARIN R., US
[85] 1995-08-08
[86] 1994-02-05 (PCT/US1994/001292)
[87] (WO1994/017858)
[30] US (08/014,692) 1993-02-08

[11] **2,171,454**
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[51] **Int.Cl. 6F02K 9/92**
[25] EN
[54] **PNEUMATIC PRESSURE AUTOMATIC BRAKING MECHANISM**
[54] **MECANISME DE FREINAGE AUTOMATIQUE COMMANDE PAR UN FLUIDE SOUS PRESSION**
[72] BOWSER, GREGORY ALAN, US
[72] MCCOLLOUGH, EDWARD C., US
[73] AIR TURBINE TECHNOLOGY, INC., US
[85] 1996-03-08
[86] 1994-09-13 (PCT/US1994/010296)
[87] (WO1995/008049)
[30] US (08/122,375) 1993-09-16

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[25] EN
[54] **MEDIATORS SUITABLE FOR THE ELECTROCHEMICAL REGENERATION OF NADH, NADPH OR ANALOGS THEREOF**
[54] **MEDIATEURS POUR LA REGENERATION ELECTROCHIMIQUE DU NADH, DU NADPH ET DE SUBSTANCES SIMILAIRES**
[72] BLOCZYNSKI, MICHAEL L., US
[72] COREY, PAUL F., US
[72] DENG, YINGPING, US
[72] MURRAY, ALISON J., US
[72] MUSHO, MATTHEW K., US
[72] SIEGMUND, HANS-ULRICH, US
[73] BAYER HEALTHCARE, LLC, US
[22] 1996-05-30
[30] US (08/471,745) 1995-06-06

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[54] **SIXTEEN HARNESS MULTI-LAYER FORMING FABRIC**
[54] **TOILE DE FORMATION MULTICOUCHE**
[72] QUIGLEY, SCOTT, US
[73] WANGNER SYSTEMS CORPORATION, US
[22] 1996-05-30
[30] US (08/514,322) 1995-08-11

[11] **2,179,033**
[13] C
[51] **Int.Cl. 6B65G 45/18**
[25] EN
[54] **CLEANING DEVICE FOR ENDLESS CONVEYOR**
[54] **DISPOSITIF DE NETTOYAGE POUR TRANSPORTEUR SANS FIN**
[72] HARPER, CHRISTOPHER, GB
[73] HARPER, CHRISTOPHER, GB
[85] 1996-06-12
[86] 1994-12-22 (PCT/GB1994/002810)
[87] (WO1995/017341)
[30] GB (9326155.0) 1993-12-22
[30] GB (9416431.6) 1994-08-15
[30] GB (9412482.3) 1994-06-22

[11] **2,182,736**
[13] C
[51] **Int.Cl. 6A23L 2/39 6A23L 1/302 6A23L 2/58 6A23L 2/70**
[25] EN
[54] **DRY MIXTURE FOR COLOR-STABLE LIQUID COMPOSITIONS**
[54] **MELANGE SEC POUR COMPOSITIONS LIQUIDES DE COULEUR STABLE**
[72] SMITH, WILLIAM J., US
[72] MORAN, MARTIN J., US
[72] RACICOT, WILLIAM F., US
[73] THE QUAKER OATS COMPANY, US
[85] 1996-08-05
[86] 1995-02-07 (PCT/US1995/001386)
[87] (WO1995/021543)
[30] US (08/193,818) 1994-02-08

[11] **2,183,956**
[13] C
[51] **Int.Cl. 6G10C 3/10**
[25] EN
[54] **TUNING SYSTEM FOR PIANOS**
[54] **SYSTEME DESTINE A ACCORDER DES PIANOS**
[72] CHAPLIN, PAUL DAVID, AU
[73] ATHENRY ENTERPRISES LIMITED, HK
[85] 1996-08-22
[86] 1995-02-15 (PCT/GB1995/000319)
[87] (WO1995/022815)
[30] US (08/200,180) 1994-02-22

[11] **2,189,074**
[13] C
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[54] **ILLUMINATING INFLATABLE BALLOON**
[54] **BALLON GONFLABLE ECLAIRANT**
[72] CHABERT, PIERRE GABRIEL, FR
[73] AIRSTAR, FR
[85] 1996-10-28
[86] 1995-04-27 (PCT/FR1995/000550)
[87] (WO1995/029739)
[30] FR (94/05216) 1994-04-29

[11] **2,189,212**
[13] C
[51] **Int.Cl. 6F04C 18/10 6B23F 13/06**
[25] EN
[54] **FLUID COMPRESSION/EXPANSION MACHINE WITH FLUTED MAIN ROTOR HAVING RULED SURFACE ROOT AND METHOD OF MANUFACTURE**
[54] **MACHINE A COMPRESSION/EXPANSION DE FLUIDE MUNIE D'UN ROTOR PRINCIPAL CANNELE AVEC ENCOCHES SUPERFICIELLES REGLEES, ET MODE DE FABRICATION**
[72] JENSEN, DAVID L., US
[73] JENSEN, DAVID L., US
[22] 1996-10-30
[30] US (60/007,153) 1995-11-01

[11] **2,190,811**
[13] C
[51] **Int.Cl. 6G01N 33/28**
[25] EN
[54] **GADOLINIUM COMPOUNDS FOR USE AS OIL-SOLUBLE TRACERS**
[54] **COMPOSES DU GADOLINIUM POUR TRACEURS LIPOSOLUBLES**
[72] JONES, TIMOTHY G. J., GB
[73] SCHLUMBERGER CANADA LIMITED, CA
[22] 1996-11-20
[30] US (08/564,000) 1995-11-29

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[13] C
[51] **Int.Cl. 6F16H 3/38**
[25] EN
[54] **TWO PIECE CLUTCH ASSEMBLY HAVING TWIST LOCK JOINT**
[54] **ENSEMBLE D'EMBRAYAGE EN DEUX PIECES A ASSEMBLAGE QUART-DE-TOUR**
[72] VASA, BEN, US
[72] ROBBINS, FRANK, US
[73] BORGWARNER INC., US
[22] 1996-11-27
[30] US (08/593,629) 1996-01-30

[11] **2,195,278**
[13] C
[51] **Int.Cl. 6A23L 1/162**
[25] EN
[54] **PROCESS FOR PRODUCING QUICK-BOILING OR INSTANT COOKING PASTAS AND NOODLES**
[54] **PROCEDE POUR PRODUIRE DES PATES OU DES NOUILLES INSTANTANNEES OU A CUISSON RAPIDE**
[72] FUKUYAMA, TERUYASU, JP
[73] FEED UP INC., JP
[22] 1997-01-16
[30] JP (8695/1996) 1996-01-22
[30] JP (51541/1996) 1996-03-08
[30] JP (8697/1996) 1996-01-22
[30] JP (8696/1996) 1996-01-22

[11] **2,199,894**
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[51] **Int.Cl. 6E05B 47/00 6G08C 17/02 6G08C 23/04**
[25] EN
[54] **TRANSMISSION AND RECEPTION SYSTEM FOR CONTROLLING LOCKING/UNLOCKING OPERATION OF KEY**
[54] **SYSTEME D'EMISSION ET DE RECEPTION POUR COMMANDER LE BLOCAGE/DEBLOCAGE D'UNE CLE**
[72] OKAYASU, YOSHISADA, JP
[72] MORISE, KEIJI, JP
[72] YAMAMOTO, HIROAKI, JP
[73] SONY CORPORATION, JP
[22] 1997-03-13
[30] JP (P08-062865) 1996-03-19

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[51] **Int.Cl. 6E21B 33/13 6E21B 34/00**
[25] EN
[54] **FLOATING APPARATUS AND METHOD FOR FABRICATING THE APPARATUS**
[54] **APPAREIL FLOTTANT ET METHODE POUR LE FABRIQUER**
[72] SULLAWAY BOBBY L., US
[72] ROGERS, HENRY E., US
[72] MURRAY, DICK A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1997-03-18
[30] US (08/620,056) 1996-03-21

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[13] C
[51] **Int.Cl. 6A61F 2/06 6B29C 47/04 6B29C 55/22**
[25] EN
[54] **CARBON CONTAINING VASCULAR GRAFT AND METHOD FOR MAKING SAME**
[54] **GREFFE VASCULAIRE CONTENANT DU CARBONE ET SON PROCEDE DE FABRICATION**
[72] BANAS, CHRISTOPHER E., US
[72] MCHANEY, JAMES M., US
[73] BARD PERIPHERAL VASCULAR, INC., US
[85] 1997-03-20
[86] 1995-09-15 (PCT/US1995/011731)
[87] (WO1996/009157)
[30] US (08/311,497) 1994-09-23

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[13] C
[51] **Int.Cl. 6D01D 5/253 6D04H 3/14 6D01D 5/34**
[25] EN
[54] **FABRICS COMPOSED OF RIBBON-LIKE FIBROUS MATERIAL AND METHOD TO MAKE THE SAME**
[54] **TISSU CONSTITUE D'UN MATERIAU FIBREUX EN FORME DE RUBAN ET SON PROCEDE D'ELABORATION**
[72] BLANEY, CAROL ANN, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 1997-03-21
[86] 1995-08-11 (PCT/US1995/010302)
[87] (WO1996/009428)
[30] US (08/311,664) 1994-09-23

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[13] C
[51] **Int.Cl. 6A61H 39/04 6A61F 7/00 6A61H 23/00**
[25] EN
[54] **TENSION HEADACHE RELIEVER**
[54] **DISPOSITIF POUR SOULAGER LES CEPHALEES PAR TENSION PSYCHIQUE**
[72] STONE, ROSS G., US
[73] STONE, ROSS G., US
[22] 1997-03-27
[30] US (08/622,987) 1996-03-27

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[13] C
[51] **Int.Cl. 6G07F 17/40 6G07F 7/00**
[25] EN
[54] **PHOTOFINISHING SYSTEM HAVING CUSTOMIZED CUSTOMER ORDER PAYMENT FEATURE**
[54] **SYSTEME DE DEVELOPPEMENT ET DE TIRAGE A FONCTION DE DEBIT POUR COMMANDES PERSONNELLES DE CONSOMMATEURS**
[72] KLEES, KEVIN JOHN, US
[73] EASTMAN KODAK COMPANY, US
[22] 1997-04-22
[30] US (08/653,371) 1996-05-21

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[13] C
[51] **Int.Cl. 6A61F 2/06**
[25] EN
[54] **MULTI-CELL STENT WITH CELLS HAVING DIFFERING CHARACTERISTICS**
[54] **STENT MULTICELLULAIRES A CELLULES A CARACTERISTIQUES DIFFERENTES**
[72] FISCHELL, ROBERT E., US
[72] FISCHELL, DAVID R., US
[72] FISCHELL, TIM A., US
[73] CORDIS CORPORATION, US
[22] 1997-05-06
[30] US (08/661,562) 1996-06-11

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[13] C
[51] **Int.Cl. 6G01M 13/00 6G01M 17/00 6G01N 19/08 6G01N 3/56**
[25] EN
[54] **METHOD OF DETERMINING REMAINING LIFE OF A POWER TRANSMISSION BELT**
[54] **METHODE D'EVALUATION DE L'ETAT D'USURE D'UNE COURROIE DE TRANSMISSION**
[72] MISHIMA, KYOICHI, JP
[72] KITAHAMA, KOJI, JP
[73] MITSUBOSHI BELTING LTD., JP
[22] 1997-05-29
[30] JP (174298/1996) 1996-06-12

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[13] C
[51] **Int.Cl. 6C03C 25/02**
[25] FR
[54] **PROCEDE DE FABRICATION D'UN MAT DE VERRE ET PRODUIT EN RESULTANT**
[54] **METHOD FOR MAKING A GLASS MAT AND RESULTING PRODUCT**
[72] DUCHAMP, FABRICE, FR
[72] ARPIN, MICHEL, FR
[72] MOTTET, MICHEL, FR
[73] VETROTEX FRANCE S.A., FR
[85] 1997-08-05
[86] 1996-12-12 (PCT/FR1996/001988)
[87] (WO1997/021861)
[30] FR (95/15113) 1995-12-12

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[13] C
[51] **Int.Cl. 6A23L 3/36 6A23B 7/04 6A23B 4/06**
[25] EN
[54] **METHOD FOR NON-FROZEN PRESERVATION OF FOOD OR THE LIKE AT TEMPERATURE BELOW FREEZING POINT**
[54] **PROCEDE POUR LA CONSERVATION D'ALIMENTS OU AUTRES PRODUITS DU MEME GENRE NON CONGELES DANS LA PLAGE DE TEMPERATURES INFERIEURE AU POINT DE CONGELATION**
[72] YAMANE, AKIYOSHI, JP
[72] YAMANE, AKIHIKO, JP
[73] HYO-ON INCORPORATED, JP
[85] 1997-09-15
[86] 1996-03-15 (PCT/JP1996/000692)
[87] (WO1996/028047)
[30] JP (7-83253) 1995-03-15

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[13] C
[51] **Int.Cl. 6A23C 19/084 6A23L 1/308**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR FAT FREE PROCESS CHEESE**
[54] **PROCEDES ET COMPOSITIONS DE FABRICATION DE FROMAGES FONDUS EXEMPTS DE MATIERES GRASSES**
[72] MEHNERT, DAVID WEBB, US
[72] PRINCE, STEVEN RICHARD, US
[73] KRAFT FOODS, INC., US
[85] 1997-09-18
[86] 1996-03-18 (PCT/US1996/003682)
[87] (WO1996/033620)
[30] US (08/425,053) 1995-04-19

[11] **2,216,635**
[13] C
[51] **Int.Cl. 6H04Q 7/38 6H04Q 7/36**
[25] EN
[54] **METHOD AND APPARATUS FOR MOBILE UNIT ASSISTED CDMA TO ALTERNATIVE SYSTEM HARD HANDOFF**
[54] **PROCEDE ET APPAREIL POUR UNE UNITE MOBILE UTILISANT UN SYSTEME AMDC POUR EFFECTUER UN TRANSFERT "IMPOSE" SUR UN AUTRE SYSTEME**
[72] GILHOUSEN, KLEIN S., US
[72] BAYLEY, GWAIN, US
[72] TIEDEMANN, EDWARD G., JR., US
[72] WEAVER, LINDSAY A., JR., US
[73] QUALCOMM INCORPORATED, US
[85] 1997-09-26
[86] 1996-03-19 (PCT/US1996/004158)
[87] (WO1996/031078)
[30] US (413,306) 1995-03-30

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[13] C
[51] **Int.Cl. 6A61K 7/42 6A61K 7/06 6A61K 7/13**
[25] FR
[54] **UTILISATION D'UNE SILICONE FILTRE POUR LA PROTECTION DE LA COULEUR DES FIBRES KERATINIQUES COLOREES ARTIFICIELLEMENT CONTRE LES EFFETS DES RADIATIONS UV**
[54] **USE OF A SILICON FILTER TO PROTECT THE COLOUR OF ARTIFICIALLY COLOURED KERATIN FIBRES AGAINST THE EFFECTS OF UV RADIATION**
[72] RICHARD, HERVE, FR
[72] BRAIDA-VALERIO, DAMARYS, FR
[72] DUBIEF, CLAUDE, FR
[72] LAGRANGE, ALAIN, FR
[73] L'OREAL, FR
[22] 1997-10-14
[30] FR (96 12 564) 1996-10-15

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[13] C
[51] **Int.Cl. 6A61K 31/445 6A61K 45/06**
[25] EN
[54] **COMBINATIONS FOR THE TREATMENT OF PARKINSONISM CONTAINING SELECTIVE NMDA ANTAGONISTS**
[54] **COMBINAISONS POUR LE TRAITEMENT DE LA MALADIE DE PARKINSON CONTENANT DES ANTAGONISTES DE NMDA**
[72] CHENARD, BERTRAND L., US
[72] MENNITI, FRANK S., US
[73] PFIZER INC., US
[85] 1997-10-29
[86] 1995-05-26 (PCT/IB1995/000398)
[87] (WO1996/037226)

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[11] **2,220,054**
[13] C
[51] **Int.Cl. 6B62D 5/083**
[25] EN
[54] **ROTARY VALVE FOR POWER STEERING GEAR**
[54] **SOUPAPE ROTATIVE POUR DIRECTION ASSISTEE**
[72] THOMAS, ANDREW DONALD, AU
[73] BISHOP STEERING PTY LIMITED, AU
[73] UNISEARCH LTD., AU
[85] 1997-11-03
[86] 1996-05-03 (PCT/AU1996/000266)
[87] (WO1996/034788)
[30] AU (PN 2835) 1995-05-05
[30] AU (PN 3436) 1995-06-08
[30] AU (PN 6876) 1995-11-30

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[11] **2,220,413**
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[51] **Int.Cl. 6E04C 1/00 6E02D 29/02 6E04B 2/08**
[25] EN
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[54] **BLOC POUR LA CONSTRUCTION D'UN MUR SANS MORTIER**
[72] LAMBERT, PAUL-EMILE, CA
[72] FORTIN, MARC, CA
[72] BOUCHARD, MICHEL, CA
[73] NOVABRIK INTERNATIONAL INC., CA
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[54] **THREAD FEEDING APPARATUS FOR SEWING MACHINE**
[54] **MECANISME D'AMENEE DE FIL POUR MACHINE A COUDRE**
[72] SAKUMA, KOUICHI, JP
[73] SUZUKI MANUFACTURING, LTD., JP
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[51] **Int.Cl. 6F02M 35/10 6B63H 20/00**
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[54] **AIR INTAKE ARRANGEMENT FOR OUTBOARD MARINE ENGINES**
[54] **PRISE D'AIR POUR MOTEUR HORS-BORD**
[72] RINZAKI, SHOICHI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD .), JP
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[51] **Int.Cl. 6E21B 31/00 6E21B 7/24**
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[54] **WELLBORE RESONANCE TOOLS**
[54] **OUTILS RESONANTS POUR PUITS DE FORAGE**
[72] LYNDE, GERALD D., US
[72] TUBEL, PAULO S., US
[72] BALLANTYNE, RAY, US
[72] FLANDERS, BRUCE A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 1998-01-23
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[51] **Int.Cl. 6B32B 13/14**
[25] EN
[54] **IMPROVED MAT-FACED GYPSUM BOARD AND METHOD OF MANUFACTURING SAME**
[54] **PLAQUE DE PLATRE AMELIOREE A FACE DOTEE DE MATS DE FIBRES ET PROCEDE DE FABRICATION DE LADITE PLAQUE**
[72] O'HAVER-SMITH, DEBBIE, US
[73] G-P GYPSUM CORPORATION, US
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[54] **POWER TRANSMISSION FOR SNOWMOBILE**
[54] **TRANSMISSION DE PUISSANCE POUR MOTONEIGES**
[72] ASUMI, MICHIO, JP
[72] YOKOTANI, HITOSHI, JP
[72] IZUMI, YOSHIO, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD .), JP
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[54] **A TUNER FOR STRINGED MUSICAL INSTRUMENTS**
[54] **ACCORDOIR POUR INSTRUMENTS DE MUSIQUE A CORDES**
[72] HINE, ARTHUR H., CA
[72] COLLINGS, TIMOTHY, CA
[73] HINE, ARTHUR H., CA
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[51] **Int.Cl. 6A63B 69/40**
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[54] **SOCCER BALL PROJECTING APPARATUS**
[54] **APPAREIL POUR LANCER DES BALLES DE SOCCER**
[72] ANDREWS, ALAN, CA
[73] ANDREWS, ALAN, CA
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[54] **A METHOD FOR CONTINUOUS MANUFACTURE OF PROFILED SECTIONS AND A DEVICE FOR PERFORMING THE METHOD**
[54] **PROCEDE DE FABRICATION EN CONTINU DE PROFILES, ET DISPOSITIF POUR SA MISE EN OEUVRE**
[72] JANSSON, MARK LARS, SE
[73] MARKRAM AB, SE
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[54] **INSECTICIDAL COMPOSITION**
[54] **COMPOSITION INSECTICIDE**
[72] ALLISON, GAVIN IAN, AU
[72] THOMPSON, IAN ANDREW, AU
[72] BASSAM, DEAN ANTHONY, AU
[73] R & C ASSETS PTY LIMITED, AU
[85] 1998-04-06
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[54] **BORATE CROSS-LINKED WELL TREATING FLUIDS AND METHODS**
[54] **LIQUIDES DE TRAITEMENT POUR PUITS, RETICULES AU BORATE; METHODES CONNEXES**
[72] YARITZ, JOSPEH G., US
[72] TERRACINA, JOHN M., US
[72] HARRIS, PHILLIP C., US
[72] SHUCHART, CHRIS E., US
[72] MCCABE, MICHAEL A., US
[72] NORMAN, LEWIS R., US
[72] POWELL, RONALD J., US
[72] SLABAUGH, BILLY F., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **POWDER INHALER**
[54] **INHALATEUR DE POUDRE**
[72] JUUSELA, PETRI, FI
[73] ORION CORPORATION, FI
[85] 1998-05-05
[86] 1996-11-08 (PCT/FI1996/000602)
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[51] **Int.Cl. 6B01D 17/025 6C02F 1/40**
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[54] **APPARATUS FOR SEPARATING A LIGHT FROM A HEAVY FLUID**
[54] **APPAREIL POUR SEPARER UN FLUIDE LEGER D'UN FLUIDE LOURD**
[72] PANK, THOMAS E., US
[73] PANK, THOMAS E., US
[85] 1998-04-29
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[87] (WO1997/027145)
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[51] **Int.Cl. 6F16K 11/074 6F16K 51/00**
[25] EN
[54] **HIGH TEMPERATURE, HIGH SPEED ROTARY VALVE**
[54] **SOUPAPE ROTATIVE A GRANDE VITESSE POUR HAUTES TEMPERATURES**
[72] LAU, JARK CHONG, US
[72] SUGGS, KENNETH RANDALL, US
[72] MCMANUS, JEFFREY LAWRENCE, US
[72] GIPSON, LAMAR HEATH, US
[72] GILES, PAUL ALLAN, US
[72] HAYNES, BRYAN DAVID, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 1998-06-09
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[51] **Int.Cl. 6A61G 5/10 6A61G 5/04**
[25] EN
[54] **ADJUSTABLE FRONT WHEEL STABILIZER FOR POWER WHEELCHAIR**
[54] **STABILISATEUR REGLABLE DE ROUES AVANT POUR FAUTEUIL ROULANT ELECTRIQUE**
[72] PULVER, DALE A., US
[73] INVACARE CORPORATION, US
[22] 1998-06-05
[30] US (08/944,194) 1997-10-06

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[51] **Int.Cl. 6C07D 413/12 6C07D 273/01 6C07D 413/14 6A01N 43/82 6A01N 43/88**
[25] EN
[54] **HALOGEN PYRIMIDINES AND ITS USE THEREOF AS PARASITE ABATEMENT MEANS**
[54] **PYRIMIDINES HALOGENEES ET LEUR UTILISATION EN TANT QU'AGENTS DE LUTTE CONTRE LES PARASITES**
[72] GALLENKAMP, BERND, DE
[72] STELZER, UWE, DE
[72] GERDES, PETER, DE
[72] DUTZMANN, STEFAN, DE
[72] GAYER, HERBERT, DE
[72] KRUGER, BERND-WIELAND, DE
[72] HEINEMANN, ULRICH, DE
[72] MARHOLD, ALBRECHT, DE
[72] TIEMANN, RALF, DE
[72] HANSSLER, GERD, DE
[72] STENZEL, KLAUS, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **TEMPERATURE COMPENSATED CURRENT MEASUREMENT DEVICE**
[54] **APPAREIL POUR MESURER LES COURANTS ELECTRIQUES A COMPENSATION THERMIQUE**
[72] CAMERON, ROBERT FRASER, CA
[72] MACCALLUM, HAAKON, CA
[73] XANTREX INTERNATIONAL, BB
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[51] **Int.Cl. 6H04N 5/262 6H04N 7/015 6H04N 5/91**
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[54] **EDITING DEVICE AND DATA TRANSMISSION METHOD**
[54] **DISPOSITIF DE MISE EN FORME DE DONNEES ET PROCEDE DE TRANSMISSION DE DONNEES**
[72] NAGASAWA, FUMIHIRO, JP
[73] SONY CORPORATION, JP
[85] 1998-08-04
[86] 1997-12-09 (PCT/JP1997/004521)
[87] (WO1998/026589)
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[54] **LOAD-LIMITING SEAT**
[54] **SIEGE LIMITANT LA CHARGE**
[72] YANIV, GERSHON, US
[72] YUHAS, JAMES, US
[72] LOU, KEN-AN, US
[72] WARRICK, JAMES C., US
[73] WEBER AIRCRAFT LP, US
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[51] **Int.Cl. 6B41M 5/24 6B41C 1/10**
[25] EN
[54] **LASER-IMAGEABLE RECORDING CONSTRUCTIONS UTILIZING CONTROLLED, SELF-PROPAGATING EXOTHERMIC CHEMICAL REACTION MECHANISMS**
[54] **STRUCTURES D'ENREGISTREMENT PERMETTANT LA FORMATION D'IMAGES LASER ET FAISANT APPEL A DES MECANISMES REGULES DE REACTIONS CHIMIQUES EXOTHERMIQUES AUTOPROPAGEES**
[72] ELLIS, ERNEST W., US
[73] PRESSTEK, INC., US
[85] 1998-08-17
[86] 1998-01-12 (PCT/US1998/000398)
[87] (WO1998/030399)
[30] US (08/782,625) 1997-01-13

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[51] **Int.Cl. 6C08F 6/00 6B29B 13/00 6C08F 6/10 6C08F 6/28**
[25] EN
[54] **METHOD FOR REMOVING VOLATILE MATERIALS FROM A POLYMER COMPOSITION**
[54] **METHODE D'ELIMINATION DES MATIERES VOLATILES D'UNE COMPOSITION A BASE DE POLYMERE**
[72] SUGIMOTO, RYUICHI, JP
[72] HONDA, HIROYA, JP
[72] KAWANO, KOJI, JP
[72] MAEDA, TETSUO, JP
[72] IWAMOTO, MUNE, JP
[72] MAEDA, YOZO, JP
[72] OTSUZUKI, SHIRO, JP
[72] MATSUBA, KENICHIRO, JP
[73] TOYO ENGINEERING CORPORATION, JP
[73] MITSUI CHEMICALS INC., JP
[22] 1998-09-29
[30] JP (265571/1997) 1997-09-30

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[51] **Int.Cl. 6A61K 31/66 6A61K 31/16 6A61K 31/40 6A61K 31/44 6A61K 31/445**
[25] EN
[54] **THE USE OF MMP-13 SELECTIVE INHIBITORS FOR THE TREATMENT OF OSTEOARTHRITIS AND OTHER MMP-MEDIATED DISORDERS**
[54] **L'EMPLOI D'INHIBITEURS SPECIFIQUES DE LA MPM-13 POUR LE TRAITEMENT DE L'ARTHROSE ET D'AUTRES TROUBLES CAUSES PAR DES MPM**
[72] MITCHELL, PETER GEOFFREY, US
[72] YOCUM, SUE ANN, US
[72] LOPRESTI-MORROW, LORI LYNN, US
[72] MCCLURE, KIM FRANCIS, US
[72] REEVES, LISA MARIE, US
[72] REITER, LAWRENCE ALAN, US
[72] ROBINSON, RALPH PELTON, US
[73] PFIZER PRODUCTS INC., US
[22] 1998-10-22
[30] US (60/062,766) 1997-10-24

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[13] C
[51] **Int.Cl. 6D21F 9/00 6D21F 1/80**
[25] EN
[54] **PULP AND LINERBOARD FORMER WITH IMPROVED DEWATERING**
[54] **MACHINE A FABRIQUER DE LA PATE A PAPIER ET DU CARTON DE DOUBLURE, PRESENTANT UN ESSORAGE AMELIORE**
[72] REMPEL, CORNELIUS N., US
[72] SANTOS, GILMAR, BR
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] METSO PAPER INC., FI
[85] 1998-11-05
[86] 1997-02-19 (PCT/US1997/003146)
[87] (WO1997/042374)
[30] US (08/643,557) 1996-05-06

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[51] **Int.Cl. 6A01D 34/00 6A01D 55/00 6B24C 5/06 6B24C 3/32**
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[54] **PROCEDE ET DISPOSITIF POUR LA COUPE DE LA VEGETATION**
[54] **PROCESS AND DEVICE FOR CUTTING VEGETATION**
[72] LEGRAND, EMMANUEL, FR
[73] SPEED FRANCE, FR
[22] 1998-12-02

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[51] **Int.Cl. 6F16L 3/16 6F16B 9/00 6F16B 7/04**
[25] EN
[54] **ONE-PIECE SWIVEL CLIP**
[54] **PINCE A PIVOT UNE PIECE**
[72] MEYER, CHARLES, US
[73] ILLINOIS TOOL WORKS INC., US
[22] 1998-12-08
[30] US (09/004,432) 1998-01-08

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[51] **Int.Cl. 6F41H 5/04**
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[54] **PASSIVE ROOF ARMOR**
[54] **BLINDAGE PASSIF DE TOIT**
[72] MIDDIONE, MARK ALBERT, US
[72] SINGH, PAUL P., US
[73] UNITED DEFENSE LP, US
[85] 1998-11-24
[86] 1997-05-19 (PCT/US1997/008511)
[87] (WO1997/045694)
[30] US (08/657,717) 1996-05-30

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[13] C
[51] **Int.Cl. 6F01N 7/14 6F01N 3/02 6F01N 3/28**
[25] EN
[54] **FREE-STANDING INTERNALLY INSULATING LINER**
[54] **DOUBLURE ISOLANTE INTERNE AUTOPORTANTE**
[72] MERRY, RICHARD P., US
[72] SANOCKI, STEPHEN M., US
[72] DILLON, KENNETH R., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1998-12-01
[86] 1996-10-15 (PCT/US1996/016323)
[87] (WO1997/048890)
[30] US (08/665606) 1996-06-18

[11] **2,262,332**
[13] C
[51] **Int.Cl. 6B23D 47/12 6B23D 45/02 6B28D 1/04**
[25] EN
[54] **CUTTING SAW MACHINE**
[54] **SCIE A DEBITER**
[72] LEE, WY PERON, US
[73] LEE, WY PERON, US
[22] 1999-02-19
[30] US (09/228,837) 1999-01-12

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[13] C
[51] **Int.Cl. 6B29C 49/04 6B29C 49/78**
[25] EN
[54] **METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS**
[54] **PROCEDE DE COMMANDE SIMULTANEE D'ACCUMULATEURS MULTIPLES**
[72] REBER, DEAN H., US
[72] UTECH, JAMES R., US
[73] MILACRON INC., US
[85] 1999-02-23
[86] 1997-08-22 (PCT/US1997/014895)
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[30] US (60/024,665) 1996-08-27

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[51] **Int.Cl. 6D21D 5/16**
[25] EN
[54] **SCREENING DEVICE, SUCH AS A SCREEN CYLINDER, AND METHOD OF MANUFACTURE OF THE SCREENING DEVICE**
[54] **DISPOSITIF DE CLASSAGE, TEL QU'UN CYLINDRE A TAMIS, ET PROCEDE DE PRODUCTION DE CE DISPOSITIF**
[72] MAY, JONATHAN, GB
[72] WOOD, TIM, GB
[72] JURVANEN, JARI, GB
[72] STEPHENSON, JOHN, GB
[73] ADVANCED FIBER TECHNOLOGIES (AFT) OY, FI
[85] 1999-03-29
[86] 1996-10-03 (PCT/FI1996/000520)
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[13] C
[51] **Int.Cl. 6C07C 309/87 6C07C 303/22 6C07C 309/42 6C07C 309/75**
[25] EN
[54] **PROCESS FOR PREPARING PHENOXYPHENYLSULFONYL HALIDES**
[54] **PROCESSUS DE FABRICATION D'HALIDES PHENOXYPHENYLSULFONYLES**
[72] HAWKINS, JOEL MICHAEL, US
[73] PFIZER PRODUCTS INC., US
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[30] US (60/081,393) 1998-04-10

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[13] C
[51] **Int.Cl. 6A01B 73/02 6A01B 51/04 6A01C 7/08 6A01B 63/22**
[25] EN
[54] **FLEXIBLE FOLDING AGRICULTURAL IMPLEMENT**
[54] **INSTRUMENT ARATOIRE SOUPLE REPLIABLE**
[72] JEFFERY, HERBERT, US
[72] MC NICHOLS, KELLY, US
[73] JEFFERY, HERBERT, US
[73] MC NICHOLS, KELLY, US
[22] 1999-05-18
[30] US (09/150,110) 1998-09-09

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[13] C
[51] **Int.Cl. 6C22C 14/00 6B21B 3/00 6C21D 8/02 6C21D 9/52**
[25] EN
[54] **.ALPHA. + .BETA. TYPE TITANIUM ALLOY, A TITANIUM ALLOY STRIP, COIL-ROLLING PROCESS OF TITANIUM ALLOY, AND PROCESS FOR PRODUCING A COLD-ROLLED TITANIUM ALLOY STRIP**
[54] **ALLIAGE DE TITANE DE TYPE ALPHA + BETA, BANDE EN ALLIAGE DE TITANE, PROCEDE DE LAMINAGE A FROID DE L'ALLIAGE ET PROCEDE DE FABRICATION D'UNE TELLE BANDE LAMINEE A FROID**
[72] FURUTANI, KAZUMI, JP
[72] FUJII, MASAMITSU, JP
[72] OYAMA, HIDETO, JP
[72] KIDA, TAKAYUKI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO, JP
[22] 1999-05-25
[30] JP (10144558) 1998-05-26
[30] JP (10322673) 1998-11-12

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[13] C
[51] **Int.Cl. 6E04D 1/28 6E04D 1/12**
[25] EN
[54] **METHOD OF MAKING LAMINATED SHINGLES**
[54] **METHODE DE FABRICATION DE BARDEAUX STRATIFIES**
[72] QUARANTA, JOSEPH, US
[72] NOONE, MICHAEL J., US
[72] STAHL, KERMIT E., US
[73] CERTAINTEED CORPORATION, US
[22] 1999-05-28
[30] US (09/087,571) 1998-05-29

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[13] C
[51] **Int.Cl. 6E04D 1/28 6B65D 71/06 6E04D 1/12**
[25] EN
[54] **STACK AND PACKAGE OF LAMINATED SHINGLES**
[54] **EMPILAGE ET EMBALLAGE DE BARDEAUX STRATIFIES**
[72] QUARANTA, JOSEPH, US
[72] NOONE, MICHAEL J., US
[72] STAHL, KERMIT E., US
[73] CERTAINTEED CORPORATION, US
[22] 1999-05-28
[30] US (09/087,572) 1998-05-29

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[13] C
[51] **Int.Cl. 6F16H 21/12 6F01D 9/04 6F01D 5/22 6F04D 29/36 6F16H 21/48**
[25] EN
[54] **ROTATION MECHANISM FOR ROTATING A RING**
[54] **MECANISME DE ROTATION D'UNE BAGUE**
[72] YASHIKI, TADAO, JP
[72] ICHIRYU, TAKU, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 1999-05-20
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[13] C
[51] **Int.Cl. 6C07C 233/18 6C07C 231/02 6C09D 135/02 6C09D 133/06 6C07C 237/08 6C07C 233/20 6C08K 5/20 6C07C 233/60 6C07C 233/69**
[25] EN
[54] **PROCESS FOR PREPARING .BETA.-HYDROXYALKYLAMIDES**
[54] **PROCESSUS DE FABRICATION DE .BETA.-HYDROXYALKYLAMIDES**
[72] GISLER, RENE, CH
[72] REICH, ALBERT, CH
[72] KAPLAN, ANDREAS, CH
[73] EMS-CHEMIE AG, CH
[22] 1999-05-26
[30] DE (198 23 925.4-41) 1998-05-28

[11] **2,274,529**
[13] C
[51] **Int.Cl. 6H03G 1/00**
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[54] **HIGH DYNAMIC RANGE VARIABLE GAIN AMPLIFIER**
[54] **AMPLIFICATEUR A GAIN VARIABLE A PLAGE DYNAMIQUE ELEVEE**
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[73] QUALCOMM INCORPORATED, US
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[54] **FACTEUR NEUROTROPHIQUE NNT-1**
[72] CHANG, MING-SHI, US
[72] ELLIOTT, GARY S., US
[72] SENALDI, GIORGIO, US
[72] SARMIENTO, ULLA, US
[73] AMGEN INC., US
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[54] **E-MAIL APPARATUS, INTERNET FACSIMILE APPARATUS, AND E-MAIL COMMUNICATION SYSTEM**
[54] **APPAREIL DE MESSAGERIE ELECTRONIQUE, APPAREIL DE TELECOPIE INTERNET ET SYSTEME DE COMMUNICATION PAR COURRIER ELECTRONIQUE**
[72] SAITO, KYOJI, JP
[73] PANASONIC COMMUNICATIONS CO., LTD., JP
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[54] **SOC DE CHARRUE AMELIORE**
[72] MESSINA, FRANK DOMENICK, US
[73] TYCO TELECOMMUNICATIONS (US) INC., US
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[54] **ATM RELAY DEVICE AND NETWORK INCLUDING SAME**
[54] **REPETEUR MTA ET RESEAU LE COMPRENANT**
[72] KISHIGAMI, TOHRU, JP
[72] IKEDA, TAKASHI, US
[72] HORIGUCHI, AKIHIRO, JP
[72] MORI, KAZUAKI, JP
[72] HIRAI, KEITARO, JP
[72] TAKAHASHI, JUNICHI, JP
[72] NOGAMI, KAZUO, JP
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[73] KABUSHIKI KAISHA TOSHIBA, JP
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[54] **NON-STAINING, ACID-STABLE, COLD-WATER-SOLUBLE, EDIBLE GREEN COLOR AND COMPOSITIONS FOR PREPARING ACIDIC FOODS AND BEVERAGES**
[54] **COLORANT ALIMENTAIRE VERT QUI NE TACHE PAS, STABLE EN MILIEU ACIDE, SOLUBLE DANS L'EAU FROIDE ET COMPOSITIONS DE CE PRODUIT POUR PREPARER DES ALIMENTS ET BOISSONS ACIDES**
[72] FROST, JOHN ROBERT, US
[72] SALEEB, FOUAD ZAKI, US
[73] KRAFT FOODS, INC., US
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[54] **DUAL-BAND HELICAL ANTENNA**
[54] **ANTENNE HELICOIDALE A DEUX BANDES**
[72] FILIPOVIC, DANIEL, US
[72] TIDWELL, STEPHEN B., US
[72] TASSOUDJI, ALI, US
[73] QUALCOMM INCORPORATED, US
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[54] **LINKAGE MECHANISM FOR RECLINING CHAIR**
[54] **MECANISME DE LIAISON POUR SIEGE INCLINABLE**
[72] WRIGHT, DENNIS W., US
[72] FINZEL, KEN K., US
[72] SAUL, JONATHAN R., US
[72] MARSHALL, RICHARD E., US
[72] LAPOINTE, LARRY P., US
[72] KOMOROWSKI, KARL J., US
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[54] **HIGH PRESSURE EMBOSSING AND PAPER PRODUCED THEREBY**
[54] **GAUFRAGE HAUTE PRESSION ET PAPIER AINSI PRODUIT**
[72] SCHERZINGER, LINDA RAE, US
[72] MCNEIL, KEVIN BENSON, US
[72] HENSLER, THOMAS ANTHONY, US
[72] LUDWIG, BARBARA ANN, US
[72] MILLER, REBECCA ANN, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **APPARATUS AND METHOD FOR SEALING INSULATED GLASS UNITS**
[54] **APPAREIL ET METHODE DE SCELLEMENT DE VITRAGES ISOLES**
[72] LAFOND, LUC, CA
[73] LAFOND, LUC, CA
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[54] **CONTROL OF PARTICULATE FLOWBACK IN SUBTERRANEAN WELLS**
[54] **CONTROLE DU RETOUR DE PARTICULES DANS LES PUITS SOUTERRAINS**
[72] WEAVER, JIM D., US
[72] STANFORD, JAMES R., US
[72] NGUYEN, PHILIP D., US
[72] DEWPRASHAD, BRAHMADEO T., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MODULAR FILTER WITH DELIVERY SYSTEM**
[54] **FILTRE MODULAIRE AVEC SYSTEME D'APPORT**
[72] MAAHS, TRACY D., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 1999-11-02
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[54] **CARRIER STRIP FOR FASTENING ELEMENTS AND A MAGAZINE WITH THE CARRIER STRIP**
[54] **BANDE PORTEUSE POUR ATTACHES ET MAGASIN AVEC LA BANDE PORTEUSE**
[72] DAUBINGER, GERD, DE
[72] VAN EGERAAT, HENDRIK A, SE
[73] HILTI AKTIENGESELLSCHAFT, LI
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[54] **METHOD AND APPARATUS FOR COMMUNICATING INFORMATION ABOUT A CALLED PARTY TO A CALLING PARTY**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE COMMUNIQUER A UN APPELANT DES INFORMATIONS RELATIVES A UN APPELE**
[72] LUND, ARNOLD M., US
[73] AMERITECH CORPORATION, US
[85] 1999-11-29
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[51] **Int.Cl. 7H01S 5/40**
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[54] **LASER DIODE ASSEMBLY**
[54] **ENSEMBLE DE DIODES LASER**
[72] LABRANCHE, BRUNO, CA
[72] BONNIER, DENI, CA
[72] CHAMPAGNE, YVES, CA
[72] PARENT, ANDRE, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
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[30] CA (2,284,946) 1999-10-04

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[54] **SEALED THREADED PAIRING**
[54] **APPARIEMENT FILETE ETANCHE**
[72] BUTER, JOSEF, DE
[73] BUMACH ENGINEERING INTERNATIONAL B.V., NL
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[86] 1998-06-16 (PCT/DE1998/001706)
[87] (WO1999/028637)
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[54] **SUPERFLUORESCENT FIBER SOURCE**
[54] **SOURCE SUPERFLUORESCENTE DE FIBRES**
[72] LAUZON, JOCELYN, CA
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[73] INSTITUT NATIONAL D'OPTIQUE, CA
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[54] **PROCEDE ET DISPOSITIF POUR ECLAIRAGE MULTICOLORE A DIODES ELECTROLUMINESCENTES**
[72] MUELLER, GEORGE G., US
[72] LYS, IHOR A., US
[73] COLOR KINETICS INCORPORATED, US
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[86] 1998-08-26 (PCT/US1998/017702)
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[51] **Int.Cl. 7H04Q 7/20**
[25] EN
[54] **METHOD AND SYSTEM FOR ESTIMATING A SUBSCRIBER'S LOCATION IN A CLUTTERED AREA**
[54] **PROCEDE ET SYSTEME D'ESTIMATION DE LA POSITION D'UN ABONNE DANS UNE ZONE ENCOMBREE**
[72] WANG, SHU-SHAW (PETER), US
[72] REED, JOHN DOUGLAS, US
[73] MOTOROLA, INC., US
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[54] **SYSTEME DE STOCKAGE MOBILE**
[72] JANSON, STEVEN L., US
[73] SPACESAVER CORPORATION, US
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[51] **Int.Cl. 6A61M 1/00 6A61M 37/00 6F04B 45/06 6F04B 49/06 6F04B 43/08 6F04B 43/12**
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[54] **PORTABLE PERISTALTIC PUMP FOR PERITONEAL DIALYSIS**
[54] **POMPE PERISTALTIQUE PORTABLE POUR DIALYSE PERITONEALE**
[72] WINTERTON, REED F., US
[72] HERBST, ROYCE, US
[72] SORENSON, JAMES L., US
[72] HAIGHT, LEVOY G., US
[73] SORENSON DEVELOPMENT, INC., US
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[54] **SYSTEME D'INSERTION D'ANCRE DE SUTURE**
[72] LIZARDI, JOSE E., US
[73] ETHICON, INC., US
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[54] **DISPOSITIF DE CONNEXION ELECTRIQUE MONTE EN APPLIQUE**
[72] YACOUB, PATRICK, CA
[73] WECO ELECTRICAL CONNECTORS INC., CA
[22] 2000-05-09
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[54] **METHOD AND SYSTEM FOR PROVIDING SATELLITE COMMUNICATIONS USING ON-ORBIT PAYLOAD CONFIGURATION AND RECONFIGURATION**
[54] **METHODE ET SYSTEME DE TELECOMMUNICATIONS PAR SATELLITE UTILISANT LA CONFIGURATION ET LA RECONFIGURATION DE LA CHARGE UTILE SUR ORBITE**
[72] ANSELMO, CARL S., US
[73] HUGHES ELECTRONICS CORPORATION, US
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[54] **BOITE/CARTON TRANSFORMABLE-REFERMABLE AVEC BEC VERSEUR**
[72] GALOMB, DAVID E., US
[73] FRES-CO SYSTEM USA, INC., US
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[54] **LAMINATED PARTS AND METHOD OF MAKING SAME**
[54] **PIECES STRATIFIEES ET LEUR PROCEDE DE FABRICATION**
[72] FIELD, ROBERT H., US
[73] MEANS INDUSTRIES, INC., US
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[54] **SOUS-VETEMENT UTILE AVEC UN ARTICLE ABSORBANT**
[72] REDWINE, NONA JANE, US
[72] CARSTENS, JERRY EDWARD, US
[72] AHR, NICHOLAS ALBERT, US
[72] VISSCHER, RONALD BOSMAN, US
[72] FURUTANI, YUKA, JP
[72] SCHMITZ, DEBORAH CATHERINE, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. 7H04N 1/04**
[25] EN
[54] **PRECISION DEEP INPUT GUIDE CLIP FOR DOCUMENT SCANNERS AND DOCUMENT SCANNERS INCORPORATING SAME**
[54] **DISPOSITIF ENCLIPSABLE DE GUIDAGE D'ENTREE DE DOCUMENT POUR SCANNEUR ET SCANNEURS MUNIS DE CE DISPOSITIF**
[72] GATTO, JEAN-MARIE, GB
[73] CYBERSCAN TECHNOLOGY, INC., US
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[51] **Int.Cl. 7C23C 16/02 7C23C 16/26**
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[54] **METHOD FOR FABRICATION OF PATTERNED CARBON NANOTUBE FILMS**
[54] **METHODE DE FABRICATION DE PELLICULES DE NANOTUBES MODELES**
[72] ZHU, WEI, US
[72] ZHOU, OTTO, US
[72] BOWER, CHRISTOPHER A., US
[73] LUCENT TECHNOLOGIES INC., US
[73] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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[54] **DISPOSITIF D'INSTALLATION D'ISOLANT EN ROULEAU**
[72] ROMES, GARY E., US
[73] GUARDIAN FIBERGLASS, INC., US
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[54] **CELL POTENTIAL MEASURING ELECTRODE AND MEASURING APPARATUS USING THE SAME**
[54] **ELECTRODE DE MESURE DE POTENTIEL DE CELLULE ET APPAREIL DE MESURE UTILISANT CETTE ELECTRODE**
[72] TAKETANI, MAKOTO, US
[72] OKA, HIROAKI, JP
[72] SUGIHARA, HIROKAZU, JP
[72] OGAWA, RYUTA, JP
[72] SHIMONO, KEN, US
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
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[54] **METHOD AND APPARATUS FOR MONITORING A HYDROGEN CONTAINING GAS STREAM**
[54] **METHODE ET APPAREIL POUR SURVEILLER UN CIRCUIT DE GAZ CONTENANT DE L'HYDROGENE**
[72] SENNER, RALF, DE
[73] GENERAL MOTORS CORPORATION, US
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[54] **ACIERS AUSTENITIQUES PRESENTANT UNE RESISTANCE EXTREMEMENT ELEVEE ET UNE TENACITE EXCELLENTE AUX TEMPERATURES CRYOGENIQUES**
[72] KOO, JAYOUNG, US
[72] BANGARU, NARASIMHA-RAO, US
[72] VAUGHN, GLEN A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **FARNESYL TRANSFERASE INHIBITORS HAVING A PIPERIDINE STRUCTURE AND PROCESS FOR PREPARATION THEREOF**
[54] **INHIBITEURS DE FARNESYL-TRANSFERASES, AYANT UNE STRUCTURE PIPERIDINE, ET PROCEDE DE PREPARATION CORRESPONDANT**
[72] RO, SEONG GU, KR
[72] CHOI, TAE SAENG, KR
[72] KOH, JONG SUNG, KR
[72] AHN, IN AE, KR
[72] OH, YOUNG HOON, KR
[72] SHIN, YOU SEUNG, KR
[72] KIM, HYUN SUNG, KR
[72] LEE, HYUN IL, KR
[72] LEE, SUN HWA, KR
[72] LEE, JIN HO, KR
[72] KIM, CHUNG MI, KR
[72] KIM, KWI HWA, KR
[72] KWAK, TAE HWAN, KR
[72] CHUNG, HYUN HO, KR
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[73] LG CHEMICAL LTD., KR
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[30] KR (1998-2776) 1998-02-02
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[54] **PROCESS OF MANUFACTURING HIGH STRENGTH ALUMINUM FOIL**
[54] **PROCEDE DE FABRICATION D'UNE FEUILLE D'ALUMINIUM A HAUTE RESISTANCE**
[72] NADKARNI, SADASHIV, US
[72] MONTGRAIN, LUC M., US
[72] DAVISSON, THOMAS L., US
[73] ALCAN INTERNATIONAL LIMITED, CA
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[54] **LATCH ARRANGEMENT FOR A VACUUM CLEANER DIRT RECEPTACLE**
[54] **DISPOSITIF DE VERROUILLAGE POUR RAMASSE-POUSSIERE D'ASPIRATEUR**
[72] LANG, CHARLES A., US
[73] THE HOOVER COMPANY, US
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[54] **A COATING APPARATUS FOR APPLYING COATING MATERIAL**
[54] **DISPOSITIF POUR APPLIQUER UN MATERIAU DE REVETEMENT**
[72] URSCHELER, ROBERT, CH
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] METSO PAPER INC., FI
[85] 2000-09-25
[86] 1998-02-27 (PCT/US1998/004008)
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[54] **TOIT MOULE D'UNE PIECE POUR CABINE DE VEHICULE**
[72] FRYK, BRUCE KEVIN, US
[72] BARTZ, SHAWN MICHAEL, US
[72] BOYCE, DEAN ARDEN, US
[73] DEERE & COMPANY, US
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[54] **DERIVES 2"-DESOXY-HYGROMYCINE**
[72] LINDE, ROBERT GERALD II, US
[73] PFIZER PRODUCTS INC., US
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[25] EN
[54] **METHOD AND APPARATUS FOR OBTAINING INITIAL CARRIER AND SYMBOL PHASE ESTIMATES FOR USE IN SYNCHRONIZING TRANSMITTED DATA**
[54] **DETERMINATION D'ESTIMATIONS DE PHASE PORTEUSE ET DE PHASE SYMBOLE INITIALES UTILISEES POUR LA SYNCHRONISATION DE DONNEES EMISES ET DISPOSITIF CORRESPONDANT**
[72] SAYEGH, SOHEIL I., US
[73] VIASAT, INC., US
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[54] **UTILISATION D'UN COMPOSE ANTIMICROBIEN POUR LA DESINFECTION**
[72] SIRIANNI, GIUSEPPE, IT
[72] TRANI, MARINA, GB
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **COMPOSITIONS DE LIAISON VITREUSES POUR ARTICLES ABRASIFS**
[72] HUZINEC, GARY M., US
[73] MILACRON INDUSTRIAL PRODUCTS, INC., US
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[86] 2000-05-12 (PCT/US2000/013236)
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[54] **DC BRUSHLESS VIBRATION MOTOR**
[54] **MOTEUR A VIBRATION SANS BALAI A COURANT CONTINU**
[72] HONG, ALEX, XX
[72] HORNG, CHING-SHEN, XX
[72] YIN, TSO-KUO, XX
[73] SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO., LTD., XX
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[30] US (09/804,173) 2001-03-12

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[54] **GROUND CONTACT HEIGHT SENSOR**
[54] **CAPTEUR DE HAUTEUR DE CONTACT AU SOL**
[72] WESSEL, PAUL THOMAS, US
[72] CHRISTENSEN, TIMOTHY FRANKLIN, US
[72] BECKER, KLAUS ERNST, US
[73] DEERE & COMPANY, US
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[54] **BLASTING MAT ASSEMBLY**
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[72] CHO, YONG-SO, KR
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[54] **SYSTEME DE RETENUE POUR ENFANT**
[72] BAPST, DAVID M., US
[72] ASBACH, RONALD, US
[73] MATTEL, INC., US
[85] 2001-03-13
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[54] **HANDLE OPERATED POWER LINK LOCKOUT**
[54] **DISPOSITIF DE BLOCAGE DE BIELLETTE D'ALIMENTATION A POIGNEE**
[72] MORGAN, JEFFERY A., US
[72] THOMAS, KEVIN L., US
[72] LOUIS, JEFFREY S., US
[73] THE HOOVER COMPANY, US
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[72] WYTHES, MARTIN JAMES, GB
[73] PFIZER INC., US
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[54] **SNOWBOARD BOOT**
[54] **CHAUSSURE POUR PLANCHE A NEIGE**
[72] MEIBOCK, ANTONIN A., US
[72] SVENSSON, JOHN E., US
[72] TURNER, BRENT H., US
[73] K-2 CORPORATION, US
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[54] **ELECTROLUMINESCENT DEVICE**
[54] **DISPOSITIF ELECTROLUMINESCENT**
[72] MIWA, MASASHI, JP
[72] SHIRAKAWA, YUKIHIKO, JP
[72] NAGANO, KATSUTO, JP
[73] TDK CORPORATION, JP
[22] 2001-07-06
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[54] **EXTENDED RELEASE FORMULATIONS OF ERYTHROMYCIN DERIVATIVES**
[54] **FORMULATIONS A LIBERATION PROLONGEE DE DERIVES D'ERYTHROMYCINE**
[72] HUI, HO-WAH, US
[72] MILMAN, NELLY, US
[72] SEMLA, SUSAN J., US
[72] GUSTAVSON, LINDA E., US
[72] CRAMPTON, SHERI L., US
[72] AL-RAZZAK, LAMAN A., US
[73] ABBOTT LABORATORIES, US
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[54] **SYSTEME DE DIAGNOSTIC A DENSITOMETRE POUR IMAGEUR**
[72] HAMEISTER, WILLIAM A., US
[72] ANTHONY, JAMES D., US
[72] PATTERSON, KENNETH M., US
[73] HEIDELBERGER DRUCKMASCHINEN AG, DE
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[54] **REDUCED KEYBOARD WITH DIRECTIONAL SELECTION KEYS**
[54] **CLAVIER REDUIT A CLES DE SELECTION DIRECTIONNELLES**
[72] CHANG, LIANG HSI, US
[73] CHANG, LIANG HSI, US
[85] 2001-06-28
[86] 1999-12-17 (PCT/US1999/030129)
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[25] EN
[54] **KARAOKE SYSTEM**
[54] **SYSTEME DE KARAOKE**
[72] KIKUCHI, TATSUYA, JP
[73] TAKARA CO., LTD., JP
[22] 2001-10-31
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[54] **3D MULTIMEDIA VISUALIZATION SYSTEM**
[54] **SYSTEME DE VISUALISATION MULTIMEDIA TRIDIMENSIONNELLE**
[72] ALSAHEB, SAMIH A. H., CA
[73] ALSAHEB, SAMIH A. H., CA
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[54] **WELLHEAD STUFFING BOX SUPPORT ASSEMBLY**
[54] **SUPPORT DE BOITE PRESSE-ETOUPE DE TETE DE PUITS**
[72] FARQUHARSON, KEITH D., CA
[72] RIDDEL, DANIEL J., CA
[73] STREAM-FLO INDUSTRIES LTD., CA
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[25] EN
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[54] **PROCEDE DE DETERMINATION DES PROPRIETES DE SYMETRIE ET DE DIRECTION DE DISTRIBUTIONS DE RAYONS GAMMA AZIMUTAUX**
[72] GADEKEN, LARRY L., US
[72] MERCHANT, GULAMABBAS A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHOD AND BALLAST FOR FEEDING A UV LIGHT LOW PRESSURE RADIATOR**
[54] **PROCEDE ET BALLASTE SERVANT A ALIMENTER UN EMETTEUR DE RAYONNEMENT U.V. BASSE PRESSION**
[72] RUDKOWSKI, JAN, BORIS, DE
[72] RIEPE, DIRK, DE
[73] WEDECO AG WATER TECHNOLOGY, DE
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[54] **METHOD AND APPARATUS FOR BAKING FOODS IN A BARBEQUE GRILL**
[54] **PROCEDE ET APPAREIL PERMETTANT DE CUIRE AU FOUR DES ALIMENTS SUR LE GRILL D'UN BARBECUE**
[72] ZUCCARINI, ANTHONY MARK, CA
[73] ZUCCARINI, ANTHONY MARK, CA
[85] 2001-11-09
[86] 2000-05-12 (PCT/CA2000/000559)
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[30] US (60/133,879) 1999-05-12
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[25] EN
[54] **DIFFERENCE DETECTION METHODS USING MATCHED MULTIPLE DYES**
[54] **METHODES DE DETECTION DE DIFFERENCES UTILISANT DES COLORANTS MULTIPLES APPARIES**
[72] MINDEN, JONATHAN, US
[72] WAGGONER, ALAN, US
[72] FOWLER, SUSAN JANET, GB
[73] CARNEGIE MELLON UNIVERSITY, US
[73] AMERSHAM PHARMACIA BIOTECH UK LIMITED, GB
[85] 2002-02-06
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[51] **Int.Cl. 7H04N 7/30 7H04N 1/41**
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[54] **IMAGE DECODING METHOD**
[54] **PROCEDE DE DECODAGE D'IMAGE**
[72] KUSAO, HIROSHI, JP
[72] ITO, NORIO, JP
[72] HASEGAWA, SHINYA, JP
[72] KATATA, HIROYUKI, JP
[72] AONO, TOMOKO, JP
[73] SHARP KABUSHIKI KAISHA, JP
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[54] **PLUG LOCK FOR ELECTRICAL APPLIANCE**
[54] **CHEVILLE DE VERROUILLAGE POUR APPAREIL ELECTROMENAGER**
[72] TATEISHI, ART, CA
[73] TATEISHI, ART, CA
[22] 1998-05-08
[62] 2,237,485
[30] CA (2,237,485) 1998-05-08

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[54] **ELECTRONIC TOLL COLLECTION SYSTEM FOR TOLL ROAD**
[54] **SYSTEME DE PERCEPTION ELECTRONIQUE POUR ROUTE A PEAGE**
[72] FUYAMA, SEIJI, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 2001-05-28
[62] 2,349,065
[30] JP (2000-158 749) 2000-05-29

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[25] EN
[54] **APPARATUS AND METHOD FOR SECURING A BUNDLE WITH A STRAP**
[54] **APPAREIL ET PROCEDE SERVANT A FIXER UN PAQUET AU MOYEN D'UNE SANGLE**
[72] CRANSTON, ALBERT E., III, US
[72] PEACOCK, BOBBIE DON, US
[73] CRANSTON DIVERSIFIED INDUSTRIES, US
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[86] 2002-02-11 (PCT/US2002/004120)
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[54] **GARNITURE D'ETANCHEITE HAUTE TEMPERATURE HAUTE PRESSION RECUPERABLE**
[72] GANO, JOHN C., US
[72] KILGORE, MARION D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PALLET JIG**
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[72] TREMBLEY, ROBERT, CA
[73] TREMBLEY, ROBERT, CA
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Demandes canadiennes mises à la disponibilité du public

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[54] **COMMANDE MECANIQUE «GRAVITECH »**
[72] ANDERSON, RON, CA
[71] ANDERSON, RON, CA
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[25] EN
[54] **WAVE DEFLECTING FENDER**
[54] **DEFENSE A DEFLEXION DES VAGUES**
[72] KLASSEN, HERBERT D., CA
[71] KLASSEN, HERBERT D., CA
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[41] 2004-07-09

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[51] **Int.Cl. 7B60H 1/04**
[25] EN
[54] **AUTOMOBILE WARMING-UP APPARATUS**
[54] **DISPOSITIF DE MISE EN TEMPERATURE D'AUTOMOBILE**
[72] ZHANG, TONY T., CA
[71] ZHANG, TONY T., CA
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[51] **Int.Cl. 7B25F 1/00 7B60S 5/00**
[25] FR
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[54] **DENT STRAIGHTENING ROD WITH INTERCHANGEABLE TIPS**
[72] PETITCLERC, MARTIN, CA
[71] PETITCLERC, MARTIN, CA
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[54] **FER DROIT D'ENTRAINEMENT TRIPLE P**
[72] LAY, GORDON W., CA
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[54] **AUTOMOTIVE INSERTABLE SACRIFICIAL ANODE**
[54] **ANODE SACRIFICIELLE MONTEE SUR AUTOMOBILE**
[72] PLEDGE, PETER E., CA
[71] PLEDGE, PETER E., CA
[22] 2003-01-07
[41] 2004-07-07

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[51] **Int.Cl. 7B62J 1/16**
[25] FR
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[72] LANCTOT, MARIO, CA
[71] LANCTOT, MARIO, CA
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[41] 2004-07-06

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[25] EN
[54] **LIP SIZZLE KISSING POTION**
[54] **POTION POUR LES LEVRES POUR INTENSIER LES BAISERS**
[72] QUINN, IRIS, CA
[71] QUINN, IRIS, CA
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[51] **Int.Cl. 7B60R 1/00 7B60D 1/58**
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[54] **DISPOSITIF DE VISIONNEMENT D'ATTELAGE « VIEW YOUR HITCH »**
[72] MORGAN, BEN R., CA
[71] MORGAN, BEN R., CA
[22] 2003-01-07
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[25] EN
[54] **MOSQUITO KILLING MEANS ADAPTED TO A LIGHTING SOURCE**
[54] **DISPOSITIF DE DEMOUSTICATION ADAPTE A UNE SOURCE D'ECLAIRAGE**
[72] LAVOIE, ANDRE, CA
[71] LAVOIE, ANDRE, CA
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[25] FR
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[54] **AUTOMOBILE DANGER ALARM**
[72] LACHANCE, BENOIT, CA
[71] LACHANCE, BENOIT, CA
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[30] CA (INCONNU) 2003-01-07

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[54] **SCOOPER**
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[72] EAVES, VERN, CA
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[54] **THE PRO LADDER SET**
[54] **ECHELLE PROFESSIONNELLE**
[72] FOUGERE, ROBERT VINCENT, CA
[72] ARCHIBALD, PETER JAMES, CA
[72] FOUGERE, MYLES J., CA
[71] FOUGERE, ROBERT VINCENT, CA
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[25] EN
[54] **METHOD OF LOCATING FIRES IGNITED BY A LIGHTNING STORM**
[54] **METHODE DE LOCALISATION D'INCENDIES ALLUMES PAR UN ORAGE ELECTRIQUE**
[72] ANDERSEN, DAN KEITH, CA
[71] ANDERSEN, DAN KEITH, CA
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[25] EN
[54] **APPARATUS FOR MEASURING AN EXTENDED LENGTH OF A MULTI-SECTION TELESCOPIC BOOM**
[54] **APPAREIL DE MESURE DE LA LONGUEUR D'UNE FLECHE TELESCOPIQUE MULTI-SECTION EN POSITION D'EXTENSION**
[72] BILODEAU, THOMAS D., CA
[72] NACHAI, MIKE, CA
[72] HOLT, MARK W., CA
[72] CRANE, JEFFREY V.F., CA
[71] THE LOAD & A-2-B COMPANY INC., CA
[22] 2003-01-06
[41] 2004-07-06

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[13] A1
[51] **Int.Cl. 7B64D 1/14**
[25] EN
[54] **METHOD OF TRANSMITTING DATA OBTAINED FROM AERIAL RECONNAISSANCE**
[54] **METHODE DE TRANSMISSION DE DONNEES OBTENUES PAR RECONNAISSANCE AERIENNE**
[72] ANDERSEN, DAN KEITH, CA
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[25] EN
[54] **PORTABLE BOW PRESS**
[54] **PRESSE A ARC PORTATIVE**
[72] EVANS, JOHN D., CA
[72] EVANS, JEREMY MICHAEL, CA
[71] EVANS, JOHN D., CA
[71] EVANS, JEREMY MICHAEL, CA
[22] 2003-01-06
[41] 2004-07-06

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[21] **2,415,629**
[13] A1
[51] **Int.Cl. 7F23Q 9/08**
[25] EN
[54] **PILOT LIGHT ASSEMBLY**
[54] **ENSEMBLE DE VEILLEUSE A GAZ**
[72] ALEXANDER, GREGORY ALLEN, CA
[72] VANDERLEE, JAMES ANDREW, CA
[71] ALEXANDER, GREGORY ALLEN, CA
[71] VANDERLEE, JAMES ANDREW, CA
[22] 2003-01-06
[41] 2004-07-06

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[21] **2,415,640**
[13] A1
[51] **Int.Cl. 7B27K 5/00 7B27M 1/02**
[25] EN
[54] **METHOD FOR PRODUCING A PIECE OF TIMBER INCLUDING HEARTWOOD**
[54] **METHODE DE FABRICATION D'UNE PIECE DE BOIS D'OEUVRE COMPRENANT DU BOIS DE COEUR**
[72] LEE, SHEN-BA, XX
[71] LEE, SHEN-BA, XX
[22] 2003-01-07
[41] 2004-07-07

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[21] **2,415,668**
[13] A1
[51] **Int.Cl. 7H04B 1/04**
[25] EN
[54] **INTEGRATED, CONFIGURABLE MULTI-MODE TRANSMITTER**
[54] **EMETTEUR MULTI-MODE INTEGRE CONFIGURABLE**
[72] SNYDER, CHRISTOPHER EUGENE, CA
[72] KUNG, WILLIAM, CA
[71] SIRIFIC WIRELESS CORPORATION, CA
[22] 2003-01-06
[41] 2004-07-06

[21] **2,415,669**
[13] A1
[51] **Int.Cl. 7B21J 15/40 7B21J 15/02**
[25] EN
[54] **RIVETING TOOL AND METHOD OF ITS USE**
[54] **OUTIL A RIVER ET METHODE D'UTILISATION**
[72] MALAKA, MARK D., CA
[71] GBM RIVET & FASTENERS INC., CA
[22] 2003-01-07
[41] 2004-07-07

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[21] **2,415,698**
[13] A1
[51] **Int.Cl. 7A01K 3/00 7E01F 13/00 7A01K 15/04 7E01D 15/12**
[25] EN
[54] **TEXAS GATE FOR ENVIRONMENTALLY SENSITIVE AREAS**
[54] **BARRIERE A BETAIL POUR REGIONS ECOLOGIQUEMENT VULNERABLES**
[72] HAGER, GRANT, CA
[71] GREENGLADE CONSTRUCTION LTD., CA
[22] 2003-01-06
[41] 2004-07-06

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[21] **2,415,705**
[13] A1
[51] **Int.Cl. 7B65D 25/00 7B65D 6/22**
[25] EN
[54] **DEVICE FOR RELEASING AND INTERLOCKING THE COLLAPSIBLE SIDE WALLS OF CASES OR CONTAINERS, ESPECIALLY RETURNABLE CONTAINERS MADE OF PLASTIC MATERIALS**
[54] **DISPOSITIF DE BLOCAGE ET DE DEBLOCAGE DE PAROIS LATERALES PLIANTES DE CAISSES OU DE CONTENANTS, EN PARTICULIER DE CONTENANTS RECUPERABLES FABRIQUES DE MATIERES PLASTIQUES**
[72] BARTH, CHRISTIAN, DE
[72] OSTER, HEINZ GUNTER, DE
[71] SCHOELLER WAVIN SYSTEMS SERVICES GMBH, DE
[22] 2003-01-06
[41] 2004-07-06

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[21] **2,415,797**
[13] A1
[51] **Int.Cl. 7A01K 77/00 7A01K 75/00**
[25] EN
[54] **FISH NET HANDLE GUIDE AND LOCKING APPARATUS**
[54] **DISPOSITIF DE GUIDAGE ET DE VERROUILLAGE DE MANCHE D'EPUISETTE**
[72] BLOOM, JOHN, US
[71] BLOOM, JOHN, US
[22] 2003-01-08
[41] 2004-07-08

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[21] **2,415,799**
[13] A1
[51] **Int.Cl. 7G11B 7/24**
[25] EN
[54] **OPTICAL DISC INCORPORATING A RELIEF PATTERN**
[54] **DISQUE OPTIQUE INCORPORANT UN MOTIF EN RELIEF**
[72] BOGA, MUNIRUN, CA
[72] MOLOO, IMTIAZ, CA
[71] E3 WORKS INTERNATIONAL INC., BB
[22] 2003-01-08
[41] 2004-07-08

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[21] **2,415,802**
[13] A1
[51] **Int.Cl. 7G06F 17/30 7H04L 12/16 7G06F 13/38**
[25] EN
[54] **METHOD AND SYSTEM FOR ENHANCING LOCAL MEDIA CONTENT WITH REMOTE AUXILIARY CONTENT**
[54] **METHODE ET SYSTEME PERMETTANT D'AMELIORER LE CONTENU D'UN SUPPORT LOCAL AU MOYEN D'UN CONTENU AUXILIAIRE ELOIGNE**
[72] DRYALL, STEVEN, CA
[71] CONFLUENT TECHNOLOGIES INC., CA
[22] 2003-01-07
[41] 2004-07-07

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[21] **2,415,905**
[13] A1
[51] **Int.Cl. 7B63J 2/12**
[25] EN
[54] **NARROWBOAT AUXILIARY HEATER AND METHOD OF CONTROLLING SAME**
[54] **APPAREIL DE CHAUFFAGE AUXILIAIRE DE BARGE ET METHODE DE CONTROLE CONNEXE**
[72] HOLDEN, CLEMENT JAMES, GB
[71] INTERNATIONAL THERMAL INVESTMENTS LTD., CA
[22] 2003-01-09
[41] 2004-07-09

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[21] **2,415,917**
[13] A1
[51] **Int.Cl. 7H04L 27/34 7H03D 7/00**
[25] EN
[54] **REGENERATIVE DIVIDER USED FOR UP-CONVERSION AND DOWN CONVERSION**
[54] **DEMULTIPLICATEUR DE FREQUENCE PAR RETROACTION POUR ELEVATION OU ABAISSEMENT DE LA FREQUENCE**
[72] DOSANJH, SATHWANT, CA
[72] MANKU, TAJINDER, CA
[72] KUNG, WILLIAM, CA
[71] SIRIFIC WIRELESS CORPORATION, CA
[22] 2003-01-08
[41] 2004-07-08

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[13] A1
[51] **Int.Cl. 7A63B 43/06 7A63B 37/00**
[25] EN
[54] **HOCKEY PUCK**
[54] **RONDELLE DE HOCKEY**
[72] THOEN, LORNE, CA
[71] THOEN, LORNE, CA
[22] 2003-01-09
[41] 2004-07-09

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[21] **2,415,982**
[13] A1
[51] **Int.Cl. 7F16J 15/16 7F15B 15/16**
[25] EN
[54] **A BORE SEALING TELESCOPIC HOIST**
[54] **PALAN TELESCOPIQUE A SCELLEMENT DE TUBE**
[72] MAINVILLE, LUC, CA
[71] INDUSTRIES MAILHOT INC., CA
[22] 2003-01-09
[41] 2004-07-09

[21] **2,415,993**
[13] A1
[51] **Int.Cl. 7F25B 13/00 7F25B 29/00**
[25] EN
[54] **AIR CONDITIONING SYSTEM, INTERIOR HEAT EXCHANGER COIL UNIT AND METHOD FOR CONDITIONING AMBIENT AIR**
[54] **SYSTEME DE CLIMATISATION, ECHANGEUR THERMIQUE A SERPENTIN INTERIEUR ET METHODE DE CLIMATISATION DE L'AIR AMBIANT**
[72] ALEXANDRE, ALEX, CA
[71] REFRIGERATION NOEL INC., CA
[22] 2003-01-09
[41] 2004-07-09

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[21] **2,415,995**
[13] A1
[51] **Int.Cl. 7F25D 3/08 7A45C 7/00 7A45C 11/20 7B65D 81/38**
[25] EN
[54] **FOLDABLE INSULATED BAG**
[54] **SAC ISOTHERME PLIABLE**
[72] MOGIL, MELVIN SHELDON, CA
[71] CALIFORNIA INNOVATIONS INC., CA
[22] 2003-01-10
[41] 2004-07-10

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[21] **2,416,002**
[13] A1
[51] **Int.Cl. 7B42F 3/00**
[25] EN
[54] **BINDING ASSEMBLY**
[54] **DISPOSITIF DE RELIURE**
[72] BUSATTO, DANIEL, FR
[71] ALBUMS DF LTEE, CA
[22] 2003-01-09
[41] 2004-07-09

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[21] **2,416,008**
[13] A1
[51] **Int.Cl. 7A47K 3/38**
[25] EN
[54] **BATHTUB SPLASH-RETAINING ASSEMBLY**
[54] **DISPOSITIF ANTI-ECLABOUSSURES POUR BAIGNOIRE**
[72] OUELLETTE, JEAN-MARC, CA
[71] OUELLETTE, JEAN-MARC, CA
[22] 2003-01-09
[41] 2004-07-09

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[21] **2,416,076**
[13] A1
[51] **Int.Cl. 7E21B 21/06**
[25] EN
[54] **CONTINUOUS SELF-CLEANING DRILLING FLUID TANK**
[54] **RESERVOIR A LIQUIDE DE FORAGE A AUTONETTOYAGE CONTINU**
[72] CABELKA, BRIAN CLARENCE, CA
[71] C & L ENVIRONMENTAL SERVICES LTD., CA
[22] 2003-01-10
[41] 2004-07-10

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[21] **2,416,083**
[13] A1
[51] **Int.Cl. 7B29C 47/20 7B29D 23/00 7B29C 47/10**
[25] EN
[54] **FLOW DISTRIBUTOR FOR DIE TOOLING OF PIPE MOLD EQUIPMENT WITH REMOTE EXTRUDER**
[54] **DISTRIBUTEUR DE DEBIT POUR FILIERE DE MOULAGE DE TUYAUX A EXTRUDEUSE ELOIGNEE**
[72] LUPKE, MANFRED A. A., CA
[72] LUPKE, STEFAN A., CA
[71] LUPKE, MANFRED A. A., CA
[71] LUPKE, STEFAN A., CA
[22] 2003-01-10
[41] 2004-07-10

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[21] **2,416,098**
[13] A1
[51] **Int.Cl. 7G06F 3/02 7G06K 11/06**
[25] EN
[54] **METHOD OF FAST TYPING TWIN SPECIAL CHARACTERS**
[54] **METHODE PERMETTANT DE DACTYLOGRAPHIER RAPIDEMENT DES PAIRES DE CARACTERES SPECIAUX**
[72] CURELET-BALAN, GHEORGHE, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2003-01-09
[41] 2004-07-09

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[21] **2,416,141**
[13] A1
[51] **Int.Cl. 7E04B 1/343**
[25] FR
[54] **MODULE HABITABLE, BATIMENT FORME DE MODULES, ET METHODE D'ASSEMBLAGE**
[54] **MODULAR DWELLING, MODULAR-TYPE BUILDING, AND METHOD OF ASSEMBLY**
[72] GAERTNER, GABRIEL, CA
[71] GAERTNER, GABRIEL, CA
[22] 2003-01-09
[41] 2004-07-09

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[21] **2,416,275**
[13] A1
[51] **Int.Cl. 7G21C 17/017 7G01B 21/08**
[25] FR
[54] **MOTORISATION D'UN BRACELET DE MESURE D'EPAISSEUR D'UN TUYAU**
[54] **MOTORIZED BAND FOR MEASURING THE THICKNESS OF A PIPE**
[72] LAVOIE, ERIC, CA
[71] HYDRO QUEBEC, CA
[22] 2003-01-08
[41] 2004-07-08

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[21] **2,416,370**
[13] A1
[51] **Int.Cl. 7B24B 29/00 7B25G 1/10**
[25] EN
[54] **POWER TOOL AND METHOD OF OPERATING SAME**
[54] **OUTIL MECANIQUE ET METHODE D'UTILISATION**
[72] KOPEC, PETER J., US
[72] DELMAN, JOEL G., US
[72] GERRITSEN, JOHN T., US
[72] BOYER, CHRISTOPHER T., US
[72] LYTELL, MARK R., US
[71] WMH TOOL GROUP, INC., US
[22] 2003-01-14
[41] 2004-07-06
[30] US (10/337,514) 2003-01-06

Demandes canadiennes mises à la disponibilité du public
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[21] **2,416,413**
[13] A1
[51] **Int.Cl. 7B24B 29/00 7B25G 1/10**
[25] EN
[54] **POWER TOOL AND METHOD OF OPERATING SAME**
[54] **OUTIL MECANIQUE ET METHODE D'UTILISATION**
[72] BOYER, CHRISTOPHER T., US
[72] GERRITSEN, JOHN T., US
[71] WMH TOOL GROUP, INC., US
[22] 2003-01-14
[41] 2004-07-06
[30] US (10/336,878) 2003-01-06

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[21] **2,417,418**
[13] A1
[51] **Int.Cl. 7F01C 1/04**
[25] FR
[54] **MOTEUR A EXPLOSION AVEC DES PISTONS ROTATIFS**
[54] **ELECTRIC-IGNITION ENGINE WITH ROTORS.**
[72] RUSSIN, ALEXANDRU CEZAR, CA
[71] RUSSIN, ALEXANDRU CEZAR, CA
[22] 2003-01-10
[41] 2004-07-10

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[21] **2,419,087**
[13] A1
[51] **Int.Cl. 7H04L 29/06 7H04L 29/08 7H04L 29/14**
[25] EN
[54] **METHOD AND APPARATUS FOR CONNECTING IPV6 DEVICES THROUGH AN IPV4 NETWORK AND A NETWORK ADDRESS TRANSLATOR (NAT) USING A TUNNEL SETUP PROTOCOL**
[54] **METHODE ET APPAREIL SERVANT A BRANCHER DES DISPOSITIFS IPV6 PAR UN RESEAU IPV4 ET TRADUCTEUR D'ADRESSE RESEAU (NAT) UTILISANT UN PROTOCOLE DE MISE EN PLACE DE TUNNEL**
[72] BOUDREAULT, JEAN-FRANCOIS, CA
[72] BLANCHET, MARC, CA
[72] PARENT, FLORENT, CA
[71] HEXAGO INC., CA
[22] 2003-02-13
[41] 2004-07-07
[30] US (10/337,428) 2003-01-07

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[21] **2,419,331**
[13] A1
[51] **Int.Cl. 7A01K 5/01 7A01K 5/02**
[25] EN
[54] **ANIMAL FEEDING APPARATUS**
[54] **DISPOSITIF D'ALIMENTATION DES ANIMAUX**
[72] HOFER, GILBERT, CA
[71] J & R LIVESTOCK CONSULTANTS LTD., CA
[22] 2003-02-17
[41] 2004-07-08
[30] US (10/338,052) 2003-01-08

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[21] **2,420,369**
[13] A1
[51] **Int.Cl. 7A63F 3/06 7A63F 11/00**
[25] EN
[54] **BINGO CARD HOLDER**
[54] **SUPPORT DE CARTES DE BINGO**
[72] CHABOT, MARC, CA
[72] CHABOT, GERALD, CA
[71] CHABOT, MARC, CA
[71] CHABOT, GERALD, CA
[22] 2003-02-28
[41] 2004-07-09
[30] US (10/338,871) 2003-01-09

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[21] **2,422,872**
[13] A1
[51] **Int.Cl. 7A45F 5/00**
[25] EN
[54] **A BEVERAGE BOTTLE HOLDER**
[54] **PORTE-BOUTEILLE DE BOISSON**
[72] KENT-FAWKES, ROD, CA
[71] KENT-FAWKES, ROD, CA
[22] 2003-03-20
[41] 2004-07-09
[30] US (10/338,114) 2003-01-09

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[21] **2,423,400**
[13] A1
[51] **Int.Cl. 7A47L 9/10 7A47L 9/16 7A47L 5/28**
[25] EN
[54] **BAGLESS STICK TYPE VACUUM CLEANER**
[54] **ASPIRATEUR-BALAI SANS SAC**
[72] MURPHY, JOHN S., US
[72] KHALIL, DAVID, US
[72] MATOUSEK, ROBERT A., US
[72] HIN, YUNG LEONG, US
[72] WRIGHT, MICHAEL F., US
[71] ROYAL APPLIANCE MFG. CO., US
[22] 2003-03-25
[41] 2004-07-10
[30] US (10/339,829) 2003-01-10

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[21] **2,424,843**
[13] A1
[51] **Int.Cl. 7G06F 17/00 7H04L 12/16 7G06F 17/20**
[25] EN
[54] **A DOCUMENT COMPOSITION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COMPOSITION DE DOCUMENT**
[72] SCHMIDT, ALAN A., US
[72] GOTTSACKER, NEAL F., US
[71] METAVANTE CORPORATION, US
[22] 2003-04-09
[41] 2004-07-10
[30] US (10/340,428) 2003-01-10

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[21] **2,426,908**
[13] A1
[51] **Int.Cl. 7G01N 17/04 7G01K 7/02 7G01N 17/02**
[25] EN
[54] **CORROSIVITY MEASUREMENT DEVICE WITH TEMPERATURE COMPENSATION**
[54] **DISPOSITIF DE MESURE DE LA CORROSIVITE A COMPENSATION THERMIQUE**
[72] TIEFNIG, EUGEN, AT
[71] ROHRBACK COSASCO SYSTEMS, INC., US
[22] 2003-04-25
[41] 2004-07-06
[30] US (10/336,885) 2003-01-06

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[21] **2,427,510**
[13] A1
[51] **Int.Cl. 7A45D 42/00 7A45D 44/00 7G06F 19/00**
[25] EN
[54] **ARTICLE AND METHOD FOR SELECTION OF INDIVIDUALIZED PERSONAL CARE PRODUCTS**
[54] **ARTICLE ET METHODE POUR LA SELECTION DE PRODUITS DE SOINS PERSONNELS INDIVIDUALISES**
[72] PANNOZZO, ANTHONY, US
[72] EDDOWES, MILES HUGH, US
[72] KENNEDY, CHRISTINE ELIZABETH, US
[72] GIBFORD, GAIL EILEEN, US
[72] DZIERSK, MARK DIETER, US
[72] ORTIZ-VALERO, CARLOS, US
[72] DEPIANO, JOHN JR., US
[71] UNILEVER PLC, GB
[22] 2003-05-01
[41] 2004-07-07
[30] US (10/337,466) 2003-01-07

[21] **2,429,732**
[13] A1
[51] **Int.Cl. 7A01K 5/02**
[25] EN
[54] **WALL HUNG AUTOMATIC PET FEEDING MACHINE**
[54] **DISPOSITIF D'ALIMENTATION DES ANIMAUX FAMILIERS AUTOMATIQUE ACCROCHE AU MUR**
[72] CHAMPAGNE, MICHEL, CA
[72] BLAIS, MICHEL, CA
[71] CHAMPAGNE, MICHEL, CA
[71] BLAIS, MICHEL, CA
[22] 2003-05-29
[41] 2004-07-08
[30] US (60/438388) 2003-01-08

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[21] **2,429,863**
[13] A1
[51] **Int.Cl. 7B01J 29/076 7B01J 32/00 7B01J 37/02**
[25] EN
[54] **METHOD FOR PRODUCING IMPROVED SUPPORT CATALYST**
[54] **METHODE DE PRODUCTION DE CATALYSEUR SUPPORTE AMELIORE**
[72] RENDINA, DAVID D., CA
[71] RENDINA, DAVID D., CA
[22] 2003-05-29
[41] 2004-07-04
[30] US (10/336394) 2003-01-04

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[21] **2,430,390**
[13] A1
[51] **Int.Cl. 7D06F 33/02**
[25] EN
[54] **WASHER/DRYER TOUCH SENSITIVE GRAPHICAL USER INTERFACE**
[54] **INTERFACE UTILISATEUR GRAPHIQUE TACTILE POUR LAVEUSE-SECHEUSE**
[72] SMITH, RICHARD ANTHONY, US
[72] BUCKROYD, JAMES DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-05-29
[41] 2004-07-09
[30] US (10/248,322) 2003-01-09

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[21] **2,432,660**
[13] A1
[51] **Int.Cl. 7E04C 1/00**
[25] EN
[54] **INTERLOCKING BUILDING BLOCK**
[54] **BLOC DE CONSTRUCTION AUTOBLOQUANT**
[72] BOTT, TIMOTHY A., US
[71] ALLAN BLOCK CORPORATION, US
[22] 2003-06-18
[41] 2004-07-09
[30] US (60/438,960) 2003-01-09
[30] US (10/418,563) 2003-04-17

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[21] **2,435,182**
[13] A1
[51] **Int.Cl. 7E05C 3/04**
[25] EN
[54] **SASH LOCK FOR A SASH WINDOW**
[54] **SERRURE DE CHASSIS POUR FENETRE A GUILLOTINE**
[72] MURPHY, MARK V., US
[72] PETTIT, DEAN, US
[71] ASHLAND PRODUCTS, INC., US
[22] 2003-07-10
[41] 2004-07-06
[30] US (10/337,181) 2003-01-06

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[21] **2,438,443**
[13] A1
[51] **Int.Cl. 7H01M 8/06 7H01M 8/04 7H05B 3/10 7H01M 8/24**
[25] EN
[54] **FUEL-CELL RESISTORS AND METHODS**
[54] **RESISTANCES DE PILE A COMBUSTIBLE ET METHODES CONNEXES**
[72] ARTHUR, ALAN R., US
[72] EDMONDS, HEATHER, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[22] 2003-08-27
[41] 2004-07-08
[30] US (10/339,737) 2003-01-08

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[21] **2,444,714**
[13] A1
[51] **Int.Cl. 7C08L 1/08 7C08L 97/02 7F16L 59/02 7E04B 1/76**
[25] EN
[54] **TREATMENT FOR IMPROVING CELLULOSE INSULATION**
[54] **TRAITEMENT D'AMELIORATION D'ISOLANT EN CELLULOSE**
[72] ROOD, LEONARD D., US
[71] ROOD, LEONARD D., US
[22] 2003-10-08
[41] 2004-07-10
[30] US (10/340,233) 2003-01-10

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[21] **2,444,757**
[13] A1
[51] **Int.Cl. 7H01M 8/24 7H01M 8/04**
[25] EN
[54] **STACKED FUEL CELL AND METHOD FOR ITS MAINTENANCE**
[54] **ASSEMBLAGE DE PILES A COMBUSTIBLE ET METHODE D'ENTRETIEN CONNEXE**
[72] MORIGA, TAKUYA, JP
[72] KAJIWARA, TOMOYUKI, JP
[72] ITO, HIDEKI, JP
[72] KOBAYASHI, TOSHIRO, JP
[72] YAMADA, TAMOTSU, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2003-10-14
[41] 2004-07-08
[30] JP (2003-1834) 2003-01-08

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[21] **2,446,030**
[13] A1
[51] **Int.Cl. 7F17C 13/12 7B65D 25/14 7B65D 83/14 7B65D 83/38**
[25] EN
[54] **FOAM INSERT FOR PRESSURE VESSELS**
[54] **GARNITURE EN MOUSSE POUR APPAREILS A PRESSION**
[72] DI STASIO, ANTHONY A., US
[71] CREST FOAM INDUSTRIES, INC., US
[22] 2003-10-22
[41] 2004-07-06
[30] US (10/336,863) 2003-01-06

[21] **2,448,029**
[13] A1
[51] **Int.Cl. 7C08G 77/16 7B41N 1/00 7C08G 77/04 7C08J 7/04 7C08L 83/04 7C08L 83/06 7B41C 1/10**
[25] EN
[54] **IMAGE-FORMING COMPOSITION AND PHOTOSENSITIVE LITHOGRAPHIC PLATE USING SAME**
[54] **COMPOSITION PAR FORMATION D'IMAGE ET PLAQUE LITHOGRAPHIQUE PHOTOSENSIBLE ADAPTEE A CE PROCEDE**
[72] OZAKI, JUN, JP
[71] OKAMOTO CHEMICAL INDUSTRY CO., LTD., JP
[22] 2003-11-03
[41] 2004-07-07
[30] JP (2003-000796) 2003-01-07

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[21] **2,448,108**
[13] A1
[51] **Int.Cl. 7A47L 11/40 7A47L 11/00 7A47L 11/02**
[25] EN
[54] **BRUSH ASSEMBLY FOR A FLOOR CLEANING UNIT**
[54] **BROSSE POUR APPAREILS A NETTOYER LES PARQUETS**
[72] MAKAROV, SERGEY V., US
[72] THEISS, WILLIAM H., JR., US
[72] COOPER, KENNETH H., US
[72] GERBER, DOUGLAS E., US
[72] DIEHL, ARNE J., US
[72] STRANSKY, MARK A., US
[71] THE HOOVER COMPANY, US
[22] 2003-11-04
[41] 2004-07-10
[30] US (10/340,291) 2003-01-10

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[21] **2,448,316**
[13] A1
[51] **Int.Cl. 7H03J 3/20 7H03J 1/06**
[25] EN
[54] **METHOD AND INTEGRATED CIRCUIT FOR TUNING AN LC RESONATOR AND ELECTRICAL APPARATUS COMPRISING AN LC RESONATOR**
[54] **METHODE ET CIRCUIT INTEGRE D'ACCORD D'UN RESONATEUR LC ET DISPOSITIF ELECTRONIQUE COMPRENANT UN RESONATEUR LC**
[72] PLATZ, RAINER, CH
[72] CALLIAS, FRANCOIS, CH
[72] PHILP, RETO, CH
[71] PHONAK COMMUNICATIONS AG, CH
[22] 2003-11-05
[41] 2004-07-09
[30] EP (03405006.2) 2003-01-09

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[21] **2,448,928**
[13] A1
[51] **Int.Cl. 7B61C 15/08 7B60T 8/00 7B61H 13/34**
[25] EN
[54] **TIME RESET SAFETY TIMER CIRCUIT**
[54] **CIRCUIT DE TEMPORISATION DE SECURITE A REMISE A ZERO**
[72] CORVIN, JOHN H., US
[72] MAZUR, RICHARD J., US
[72] WOOD, JAMES A., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2003-11-12
[41] 2004-07-07
[30] US (10/338,099) 2003-01-07

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[21] **2,449,537**
[13] A1
[51] **Int.Cl. 7A01B 35/18 7A01C 5/06**
[25] EN
[54] **RIP STRIP PRIMARY TILLAGE SYSTEM**
[54] **SYSTEME PRIMAIRE DE TRAVAIL DU SOL A BANDE DE SCARIFIAGE**
[72] KOVACH, MICHAEL G., US
[72] GERBER, RICKEY L., US
[71] KOVACH, MICHAEL G., US
[71] GERBER, RICKEY L., US
[22] 2003-11-17
[41] 2004-07-10
[30] US (10/340,432) 2003-01-10

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[21] **2,449,548**
[13] A1
[51] **Int.Cl. 7A01B 35/20 7A01B 35/18 7A01B 35/30**
[25] EN
[54] **ROW CLEANER IN COMBINATION OF PRIMARY TILLAGE SHANK SYSTEM**
[54] **NETTOYEUR DE RANGEES COMBINE A UN SYSTEME PRIMAIRE DE TRAVAIL DU SOL A DENTS**
[72] KOVACH, MICHAEL G., US
[72] GERBER, RICKEY L., US
[71] KOVACH, MICHAEL G., US
[71] GERBER, RICKEY L., US
[22] 2003-11-17
[41] 2004-07-10
[30] US (10/340,138) 2003-01-10

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[21] **2,449,619**
[13] A1
[51] **Int.Cl. 7B41C 1/05**
[25] EN
[54] **APPARATUS FOR PRODUCING A PRINTING FORM**
[54] **DISPOSITIF DE PRODUCTION D'UNE FORME D'IMPRESSION**
[72] HARBACH, CLAUS, DE
[72] PAULSEN, LARS, DE
[72] LASSEN, BERND, DE
[72] UHLEIN, MARKUS, DE
[72] ZINTZEN, BERNHARD, DE
[72] DETMERS, ANDREAS, DE
[72] MADER, SVEN, DE
[72] PAASCH, BURKHARD, DE
[72] MEIER, CHRISTIAN, DE
[71] HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT, DE
[22] 2003-11-17
[41] 2004-07-07
[30] DE (103 00 163.8) 2003-01-07

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[51] **Int.Cl. 7F16K 31/06 7B60T 15/18**
[25] EN
[54] **THREE STATE MAGNET VALVE**
[54] **ELECTROVALVE A TROIS ETATS**
[72] CORLEY, LEON W., JR., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2003-11-18
[41] 2004-07-07
[30] US (10/338,100) 2003-01-07

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[13] A1
[51] **Int.Cl. 7A61B 17/08 7A61F 9/00 7A61B 17/122**
[25] EN
[54] **WOUND CLAMP**
[54] **CRAMPON POUR PLAIE**
[72] CHARLES, STEVEN T., US
[72] HICKINGBOTHAM, DYSON W., US
[71] ALCON, INC., CH
[22] 2003-11-18
[41] 2004-07-07
[30] US (10/337,532) 2003-01-07

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[21] **2,450,120**
[13] A1
[51] **Int.Cl. 7A01B 35/00 7A01C 5/02**
[25] EN
[54] **SOIL SURFACE TILLAGE POINT IN COMBINATION OF PRIMARY TILLAGE SHANK SYSTEM**
[54] **POINT DE LABOUR DE SURFACE COMBINE A UN SYSTEME PRIMAIRE DE TRAVAIL DU SOL A DENTS**
[72] KOVACH, MICHAEL G., US
[72] GERBER, RICKEY L., US
[71] KOVACH, MICHAEL G., US
[71] GERBER, RICKEY L., US
[22] 2003-11-17
[41] 2004-07-10
[30] US (10/339,874) 2003-01-10

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[21] **2,450,626**
[13] A1
[51] **Int.Cl. 7G07F 17/32 7G07D 9/00**
[25] EN
[54] **BILL STACKER AND HOPPER ACCESS TECHNIQUE FOR A GAMING DEVICE**
[54] **TECHNIQUE D'ACCES A L'EMPILEUSE-TREMIE A BILLETS POUR UN APPAREIL DE JEUX DE HASARD**
[72] GAUSELMANN, MICHAEL, DE
[71] ATRONIC INTERNATIONAL GMBH, DE
[22] 2003-11-25
[41] 2004-07-08
[30] US (10/339,517) 2003-01-08

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[21] **2,451,064**
[13] A1
[51] **Int.Cl. 7A01C 7/20 7A01C 7/08**
[25] EN
[54] **SEED PLACEMENT SYSTEM FOR USE IN A SEEDING MACHINE**
[54] **SYSTEME DE PLACEMENT DES SEMENCES POUR SEMEUSE**
[72] STEPHENS, LYLE E., US
[72] VALDEZ, JOSE M., US
[72] ROMAN, ROBERT J., US
[72] KEATON, MILES R., US
[71] DEERE & COMPANY, US
[22] 2003-11-27
[41] 2004-07-10
[30] US (10/339,920) 2003-01-10

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[21] **2,451,066**
[13] A1
[51] **Int.Cl. 7A01C 7/20 7A01C 7/08**
[25] EN
[54] **SEED SLIDE FOR USE IN AN AGRICULTURAL SEEDING MACHINE**
[54] **GLISSIERE A SEMENCES POUR SEMOIR**
[72] VALDEZ, JOSE M., US
[72] THIEMKE, DANIEL BRUCE, US
[71] DEERE & COMPANY, US
[22] 2003-11-27
[41] 2004-07-10
[30] US (10/339,970) 2003-01-10

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[21] **2,451,285**
[13] A1
[51] **Int.Cl. 7H04M 1/60 7G10L 21/00 7H04R 3/00 7H04M 1/74**
[25] EN
[54] **MULTIPLE WIRELESS MICROPHONE SPEAKERPHONE SYSTEM AND METHOD**
[54] **BLOC MICROS/HAUT-PARLEURS A PLUSIEURS MICROS SANS FIL ET METHODE**
[72] POTHIBOON, SUPAJET G., CA
[72] HUNDAL, SUKHDEEP S., CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-11-28
[41] 2004-07-08
[30] US (10/337,996) 2003-01-08

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[21] **2,451,304**
[13] A1
[51] **Int.Cl. 7H04B 1/66 7H04B 17/00**
[25] EN
[54] **SYSTEM AND METHOD FOR ADAPTIVE BANDWIDTH UTILIZATION FOR INTEROPERABILITY**
[54] **SYSTEME ET METHODE D'OBTENTION DE BANDE PASSANTE ADAPTATIVE POUR L'INTEROPERABILITE**
[72] POTHIBOON, SUPAJET G., CA
[72] HUNDAL, SUKHDEEP S., CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-11-28
[41] 2004-07-08
[30] US (10/338,009) 2003-01-08

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[21] **2,451,316**
[13] A1
[51] **Int.Cl. 7H04M 1/00 7H04Q 7/32**
[25] EN
[54] **METHOD AND SYSTEM FOR SELECTION OF MENU ITEMS IN A TELEPHONE MENU SCREEN INTERFACE**
[54] **METHODE ET SYSTEME DE SELECTION D'ARTICLES DE MENUS SUR UNE INTERFACE D'ECRAN DE MENUS TELEPHONIQUES**
[72] CHARNEY, DOUGLAS, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-11-28
[41] 2004-07-08
[30] US (60/438,534) 2003-01-08
[30] US (10/400,649) 2003-03-28

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[21] **2,451,348**
[13] A1
[51] **Int.Cl. 7E06B 7/00 7E06B 5/00 7E05D 13/00 7E05F 15/00 7E05D 15/06 7E06B 7/12**
[25] EN
[54] **AIR HEATED, FLEXIBLE DOOR PANEL**
[54] **PANNEAU DE PORTE SOUPLE A AIR CHAUD**
[72] NICHOLS, WILLIAM B., US
[72] BERRY, CURTIS L., US
[71] JAMISON DOOR COMPANY, US
[22] 2003-11-27
[41] 2004-07-10
[30] US (10/339,822) 2003-01-10

[21] **2,451,722**
[13] A1
[51] **Int.Cl. 7A01C 7/08 7A01C 7/20**
[25] EN
[54] **SEED METERING SYSTEM FOR USE IN A SEEDING MACHINE**
[54] **SYSTEME DE DOSAGE DE SEMENCES POUR SEMOIR**
[72] VALDEZ, JOSE M., US
[72] VANDERSNICK, TODD EDWARD, US
[72] RYLANDER, DAVID JAMES, US
[72] THIEMKE, DANIEL BRUCE, US
[72] KEATON, MILES RAYMOND, US
[72] PENFOLD, GARN, US
[71] DEERE & COMPANY, US
[22] 2003-12-01
[41] 2004-07-10
[30] US (10/339,916) 2003-01-10

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[21] **2,451,731**
[13] A1
[51] **Int.Cl. 7A01C 5/06**
[25] EN
[54] **FURROW OPENER/CLOSER IN AN AGRICULTURAL MACHINE**
[54] **DISPOSITIF D'OUVERTURE ET DE FERMETURE DE SILLON POUR MACHINE AGRICOLE**
[72] THOMPSON, WILLIAM HENSEN, US
[72] KEATON, MILES RAYMOND, US
[72] RYLANDER, DAVID JAMES, US
[71] DEERE & COMPANY, US
[22] 2003-12-01
[41] 2004-07-10
[30] US (10/339,981) 2003-01-10

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[21] **2,451,732**
[13] A1
[51] **Int.Cl. 7A01C 7/08 7A01C 7/20**
[25] EN
[54] **SEED PLACEMENT SYSTEM FOR USE IN A SEEDING MACHINE**
[54] **SYSTEME DE PLACEMENT DES SEMENCES POUR SEMOIR**
[72] THIEMKE, DANIEL BRUCE, US
[71] DEERE & COMPANY, US
[22] 2003-12-01
[41] 2004-07-10
[30] US (10/340,523) 2003-01-10

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[21] **2,451,945**
[13] A1
[51] **Int.Cl. 7H04N 5/76 7H04N 5/761**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVED RETROACTIVE RECORDING AND/OR REPLAY**
[54] **SYSTEME ET METHODE PERMETTANT D'AMELIORER L'ENREGISTREMENT ET/OU LA LECTURE EN RETROACTION**
[72] MAYER, YARON, IL
[71] MAYER, YARON, IL
[22] 2003-12-12
[41] 2004-07-10
[30] US (60/439,999) 2003-01-10
[30] US (10/449,703) 2003-06-02
[30] CA (2,430,272) 2003-06-02

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[21] **2,452,216**
[13] A1
[51] **Int.Cl. 7H04M 1/57**
[25] EN
[54] **SYSTEM AND METHOD FOR REMOTELY ACCESSING CALLER ID INFORMATION**
[54] **SYSTEME ET METHODE D'ACCES A DISTANCE DE L'IDENTIFICATION DE L'APPELANT**
[72] TISCHLER, RALPH, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-04
[41] 2004-07-08
[30] US (10/338,007) 2003-01-08

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[21] **2,452,244**
[13] A1
[51] **Int.Cl. 7F25B 15/00 7F25B 25/02**
[25] EN
[54] **AMMONIA-WATER ABSORPTION SYSTEM WITH PLUNGER-DRIVEN DIAPHRAGM SOLUTION PUMP**
[54] **SYSTEME D'ABSORPTION D'HYDROXYDE D'AMMONIUM AVEC POMPE A MEMBRANE ENTRAINEE PAR PISTON**
[72] SARKISIAN, PAUL, US
[72] DOOLEY, WILLIAM T., US
[72] ROCKENFELLER, UWE, US
[71] ROCKY RESEARCH, US
[22] 2003-12-04
[41] 2004-07-09
[30] US (10/340,918) 2003-01-09

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[21] **2,452,278**
[13] A1
[51] **Int.Cl. 7H04M 11/06 7H04M 1/725**
[25] EN
[54] **SYSTEM AND METHOD FOR DOWNLOADING DATA**
[54] **SYSTEME ET METHODE DE TELECHARGEMENT DE DONNEES**
[72] TSE, WING NAM, HK
[72] CHAN, CHI FAI, HK
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-04
[41] 2004-07-08
[30] US (10/338,014) 2003-01-08

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[21] **2,452,286**
[13] A1
[51] **Int.Cl. 7H04M 11/06 7H04L 12/20 7H04L 12/66**
[25] EN
[54] **WIRELESS VOICE/DATA GATEWAY**
[54] **PASSERELLE TELEPHONIQUE/ DE DONNEES SANS FIL**
[72] ROGALSKI, GARY, CA
[72] TISCHLER, RALPH, CA
[72] WONG, KENT, HK
[72] ALVARADO, DOUGLAS, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-04
[41] 2004-07-08
[30] US (60/438,530) 2003-01-08
[30] US (10/401,797) 2003-03-31

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[21] **2,452,521**
[13] A1
[51] **Int.Cl. 7F16B 25/06**
[25] EN
[54] **SELF-TAPPING SCREW FOR COMPOSITE MATERIALS**
[54] **VIS AUTOTARAUDEUSE POUR MATERIAUX COMPOSITES**
[72] DICKE, ROBERT, DE
[71] ALTENLOH, BRINCK & CO. GMBH & CO. KG, DE
[22] 2003-12-09
[41] 2004-07-07
[30] US (60/438,409) 2003-01-07
[30] DE (203 05 949.2) 2003-04-11

[21] **2,452,535**
[13] A1
[51] **Int.Cl. 7H04M 1/725 7H04N 7/18**
[25] EN
[54] **WIRELESS MULTI-HANDSET TELEPHONE SYSTEM WITH INTEGRATED VIDEO MONITORING ACCESSORIES**
[54] **SYSTEME TELEPHONIQUE MULTI-COMBINES SANS FIL AVEC ACCESSOIRES DE CONTROLE VIDEO INTEGRES**
[72] TISCHLER, RALPH, CA
[72] RYLEY, GORDON, CA
[72] WONG, ALLAN CHI-YUN, HK
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-04
[41] 2004-07-06
[30] US (60/437,998) 2003-01-06
[30] US (10/401,539) 2003-03-31

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[13] A1
[51] **Int.Cl. 7A23G 3/30 7A61P 1/02 7A61K 7/16 7A61K 9/68**
[25] EN
[54] **CHEWING GUM COMPOSITIONS COMPRISING DIGLYCEROL**
[54] **COMPOSITIONS DE GOMME A MACHER CONTENANT DE LA DIGLYCERINE**
[72] STIER, ROGER E., US
[72] CAREY, DANIEL, US
[72] FRITZ, DOUGLAS P., US
[71] NOVILLE, INC., US
[22] 2003-12-10
[41] 2004-07-08
[30] US (10/338,464) 2003-01-08

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[21] **2,452,937**
[13] A1
[51] **Int.Cl. 7H05F 1/00**
[25] EN
[54] **ELECTROSTATIC DISCHARGE PROTECTION SHIELD DEVICE**
[54] **ECRAN PROTECTEUR CONTRE LES DECHARGES ELECTROSTATIQUES**
[72] YU, YAT SHUN (DAMIEN), CA
[72] HO, ALEC, CA
[72] LIU, IAN, CA
[72] YAZDI, REZA AHMADIAN, CA
[72] CHE, KENNY VENG HONG, CA
[72] JANSSEN, HOLGER, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-11
[41] 2004-07-07
[30] US (10/337,608) 2003-01-07

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[21] **2,452,949**
[13] A1
[51] **Int.Cl. 7H04M 1/00 7H04M 11/06 7H04M 1/725**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSFERRING DATA TO A LINE CONNECTED DEVICE USING A COMPUTER MODEM**
[54] **METHODE ET SYSTEME DE TRANSFERT DE DONNEES A UN DISPOSITIF RACCORDE A UNE LIGNE AU MOYEN D'UN MODEM D'ORDINATEUR**
[72] CHARNEY, DOUGLAS, CA
[72] ALVARADO, DOUGLAS, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-11
[41] 2004-07-08
[30] US (60/438,526) 2003-01-08
[30] US (10/401,728) 2003-03-31

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[21] **2,452,957**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7H04M 11/00**
[25] EN
[54] **SYSTEM AND METHOD TO FACILITATE SIMULTANEOUS TRANSMISSION OF VOICE AND DATA BETWEEN A PC AND REMOTE TELEPHONY DEVICE**
[54] **SYSTEME ET METHODE FACILITANT LA TRANSMISSION SIMULTANEE DE LA VOIX ET DE DONNEES ENTRE UN PC ET UN DISPOSITIF TELEPHONIQUE ELOIGNE**
[72] ROGALSKI, GARY, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-11
[41] 2004-07-08
[30] US (60/438,531) 2003-01-08
[30] US (10/401,796) 2003-03-31

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[21] **2,452,964**
[13] A1
[51] **Int.Cl. 7H04B 17/00 7H04M 1/725**
[25] EN
[54] **SYSTEM AND METHOD FOR USING RSSI TO INVOKE FEATURES OF A WIRELESS DEVICE**
[54] **SYSTEME ET METHODE D'UTILISATION DE RSSI POUR SOLLICITER LES FONCTIONS D'UN DISPOSITIF SANS FIL**
[72] CHAN, CHI FAI, HK
[72] TSANG, HEI MING, HK
[72] LEUNG, WAI HUNG, HK
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-11
[41] 2004-07-08
[30] US (10/338,006) 2003-01-08

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[21] **2,452,993**
[13] A1
[51] **Int.Cl. 7G06F 3/00 7G06F 3/14 7G06F 9/44**
[25] EN
[54] **ACTIVE CONTENT WIZARD: EXECUTION OF TASKS AND STRUCTURED CONTENT**
[54] **ASSISTANT ACTIF INTELLIGENT : EXECUTION DE TACHES ET CONTENU STRUCTURE**
[72] BALA, ARAVIND, US
[71] MICROSOFT CORPORATION, US
[22] 2003-12-11
[41] 2004-07-07
[30] US (10/337,745) 2003-01-07

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[21] **2,453,041**
[13] A1
[51] **Int.Cl. 7A47K 10/20 7B65H 1/06**
[25] FR
[54] **DISTRIBUTEUR DE FEUILLES AVEC MOYEN DE FREINAGE LATERAL**
[54] **SHEET DISTRIBUTION DEVICE WITH LATERAL BREAKING MECHANISM**
[72] NEVEU, JEAN-LOUIS, FR
[71] GEORGIA-PACIFIC FRANCE, FR
[22] 2003-12-30
[41] 2004-07-10
[30] EP (03000396.8) 2003-01-10

Demandes canadiennes mises à la disponibilité du public
4 juillet 2004 - 10 juillet 2004

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[13] A1
[51] **Int.Cl. 7B42F 13/04**
[25] EN
[54] **NOTEBOOK, FOLIO AND DIVIDER WITH PEN HOLDER**
[54] **AGENDA AVEC PORTE-STYLO INTEGRE**
[72] O'BOYLE, THOMAS GERARD, US
[71] TIMEPLANNER CALENDARS, INC., US
[22] 2003-12-15
[41] 2004-07-10
[30] US (60/439,118) 2003-01-10

[21] **2,453,055**
[13] A1
[51] **Int.Cl. 7H01Q 1/36 7H01Q 9/04**
[25] EN
[54] **INTGRATED INVERTED F ANTENNA AND SHIELD CAN**
[54] **ANTENNE EN F INVERSE INTEGREE ET ENVELOPPE ECRAN**
[72] LEUNG, WAI-HUNG, HK
[72] WONG, ARGUS C. W., HK
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-11
[41] 2004-07-06
[30] US (10/336,686) 2003-01-06

[21] **2,453,205**
[13] A1
[51] **Int.Cl. 7B23D 51/10 7B23D 61/12 7B23D 49/16**
[25] EN
[54] **CLAMPING ARRANGEMENT FOR RECEIVING A SAW BLADE IN MULTIPLE ORIENTATIONS**
[54] **MECANISME DE SERRAGE DE LAME DE SCIE DANS DE MULTIPLES ORIENTATIONS**
[72] MOORES, ROBERT G., JR., US
[72] DASSOULAS, STEPHEN C., US
[72] BIGDEN, JONATHAN D.C., US
[72] GRANT, JEFFREY P., US
[72] MELVIN, JASON R., US
[72] DERRETH, JAMES J., US
[71] BLACK & DECKER INC., US
[22] 2003-12-12
[41] 2004-07-06
[30] US (10/337,232) 2003-01-06

[21] **2,453,354**
[13] A1
[51] **Int.Cl. 7E01C 23/00 7E01H 1/02 7E01H 1/08 7A47L 11/32**
[25] EN
[54] **SPORTS SURFACE RECONDITIONER**
[54] **APPAREIL DE REMISE A NEUF DE SURFACE DE SPORT**
[72] JOMPHE, JULIEN, CA
[71] JOMPHE, JULIEN, CA
[22] 2004-01-08
[41] 2004-07-09
[30] US (60/438,761) 2003-01-09

[21] **2,453,469**
[13] A1
[51] **Int.Cl. 7H04M 1/02**
[25] EN
[54] **SYSTEMS AND METHODS FOR AN ELECTRONIC HOOK SWITCH FOR CUSTOMER PREMISES EQUIPMENT**
[54] **SYSTEMES ET METHODES APPLICABLES A UN CROCHET COMMUTATEUR ELECTRONIQUE POUR EQUIPEMENT DES LOCAUX D'UN ABONNE**
[72] PILCHER, NGAI KWOK HING, HK
[72] LEUNG, WAI HUNG, HK
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-17
[41] 2004-07-08
[30] US (60/438,532) 2003-01-08
[30] US (10/400,648) 2003-03-28

[21] **2,453,479**
[13] A1
[51] **Int.Cl. 7G06F 13/00 7H04L 27/10 7H04M 1/725**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSFERRING DATA FOR UPGRADING FEATURES IN PORTABLE ELECTRONIC DEVICES**
[54] **METHODE ET SYSTEME DE TRANSFERT DE DONNEES POUR L'AMELIORATION DES FONCTIONS DE DISPOSITIFS ELECTRONIQUES PORTABLES**
[72] ALVARADO, DOUGLAS, CA
[72] CHARNEY, DOUGLAS, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-17
[41] 2004-07-08
[30] US (60/438,529) 2003-01-08
[30] US (10/401,764) 2003-03-31

[21] **2,453,630**
[13] A1
[51] **Int.Cl. 7B65G 27/26**
[25] EN
[54] **LINEAR DRIVE FOR VIBRATORY APPARATUS**
[54] **COMMANDE LINEAIRE POUR APPAREIL VIBRANT**
[72] KRAUS, RICHARD B., US
[71] GENERAL KINEMATICS CORPORATION, US
[22] 2003-12-18
[41] 2004-07-08
[30] US (10/338,316) 2003-01-08

[21] **2,453,686**
[13] A1
[51] **Int.Cl. 7A47K 10/38 7A47K 10/32**
[25] EN
[54] **LOW COST ROLL DISPENSER**
[54] **DISTRIBUTRICE DE ROULEAUX A PRIX MODIQUE**
[72] OMIDOLL, PAUL A., US
[72] COLLINS, SCOTT, US
[71] THE COLMAN GROUP, INC., US
[22] 2003-12-17
[41] 2004-07-09
[30] US (10/339,194) 2003-01-09

[21] **2,453,691**
[13] A1
[51] **Int.Cl. 7H04M 1/00 7H04M 1/725**
[25] EN
[54] **METHOD AND SYSTEM FOR DOWNLOADING AUDIO SAMPLES FOR PERSONALIZED TELEPHONE RING TONES**
[54] **METHODE ET SYSTEME DE TELECHARGEMENT D'ECHANTILLONS AUDIO POUR TONALITES D'APPEL TELEPHONIQUE PERSONNALISEES**
[72] ROGALSKI, GARY, CA
[72] CHARNEY, DOUGLAS, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-17
[41] 2004-07-08
[30] US (60/438,528) 2003-01-08
[30] US (10/400,406) 2003-03-28

[21] **2,453,692**
[13] A1
[51] **Int.Cl. 7H04Q 7/22**
[25] EN
[54] **SYSTEM AND METHOD FOR TWO-WAY MESSAGING BETWEEN A PERSONAL COMPUTER AND A CORDLESS DEVICE INCLUDING STEREO**
[54] **SYSTEME ET METHODE DE MESSAGERIE BILATERALE ENTRE UN ORDINATEUR PERSONNEL ET UN DISPOSITIF SANS FIL COMPORTANT DE LA MUSIQUE STEREOPHONIQUE**
[72] ROGALSKI, GARY, CA
[72] BROWN, WENDY, US
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-17
[41] 2004-07-08
[30] US (60/438,527) 2003-01-08
[30] US (10/401,760) 2003-03-31

[21] **2,453,724**
[13] A1
[51] **Int.Cl. 7H04M 1/72 7G06F 13/00 7H04Q 7/32 7H04M 1/725**
[25] EN
[54] **TELEPHONE BASE UNIT HAVING DYNAMICALLY CONFIGURABLE SOFTWARE**
[54] **BASE DE TELEPHONE COMPORTANT UN LOGICIEL A CONFIGURATION DYNAMIQUE**
[72] DURY, JAMES, CA
[72] WONG, SEAN, CA
[72] LOUIE, GARY, CA
[72] JANSSEN, HOLGER, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-19
[41] 2004-07-08
[30] US (10/338,420) 2003-01-08

[21] **2,453,727**
[13] A1
[51] **Int.Cl. 7H04M 1/60 7H04R 3/04 7H04M 1/725**
[25] EN
[54] **USER SEECTABLE SOUND ENHANCEMENT FEATURE**
[54] **FONCTION D'AMELIORATION DU SON SELECTABLE PAR L'UTILISATEUR**
[72] HODALI, NADER, CA
[72] CAO, JAMES, CA
[72] KROPP, STEPHEN GEORGE, CA
[72] GREWAL, JAGLIT S., CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-19
[41] 2004-07-08
[30] US (10/338,474) 2003-01-08

[21] **2,453,745**
[13] A1
[51] **Int.Cl. 7H04M 1/73**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING EFFECTIVE POWER MANAGEMENT**
[54] **SYSTEME ET METHODE FOURNISSANT UNE GESTION EFFICACE DE L'ENERGIE**
[72] CHAN, CHI FAI, HK
[72] NGAI, KWOK HING, HK
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-17
[41] 2004-07-08
[30] US (10/338,013) 2003-01-08

[21] **2,453,790**
[13] A1
[51] **Int.Cl. 7H04B 1/10 7H04M 1/725**
[25] EN
[54] **SYSTEM AND METHOD FOR IDENTIFYING INTERFERERS IN A COMMUNICATION SPECTRUM**
[54] **SYSTEME ET METHODE D'IDENTIFICATION DES SOURCES DE BROUILLAGE DU SPECTRE DES COMMUNICATIONS**
[72] KOPRIVICA, MILOSH, CA
[72] HUNDAL, SUKHDEEP S., CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-22
[41] 2004-07-08
[30] US (10/338,011) 2003-01-08

[21] **2,453,795**
[13] A1
[51] **Int.Cl. 7H04M 1/725**
[25] EN
[54] **CORDLESS TELEPHONE SYSTEM WITH WIRELESS EXPANSION PERIPHERALS**
[54] **SYSTEME TELEPHONIQUE SANS FIL AVEC PERIPHERIQUES D'EXTENSION SANS FIL**
[72] RYLEY, GORDON, CA
[72] CHARNEY, DOUGLAS, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-22
[41] 2004-07-08
[30] US (10/338,574) 2003-01-08

[21] **2,453,796**
[13] A1
[51] **Int.Cl. 7A45D 20/12**
[25] EN
[54] **ATTACHMENT FOR HAIR DRYERS**
[54] **ACCESSOIRE DE SECHOIR A CHEVEUX**
[72] WILCOX, JOHN, US
[72] TOBIN, RICHARD NEIL, US
[72] MICINILIO, GREGG A., US
[72] ANDREW, MICHAEL A., US
[71] REMINGTON PRODUCTS COMPANY, L.L.C., US
[22] 2003-12-22
[41] 2004-07-06
[30] US (60/438,542) 2003-01-06
[30] US (UNKNOWN) 2003-12-19

[21] **2,453,806**
[13] A1
[51] **Int.Cl. 7B66F 9/18**
[25] EN
[54] **ACTUATING COUPLER FOR HEAVY MACHINERY PERIPHERAL ATTACHMENTS**
[54] **ACCOUPLEMENT ACTIONNEUR POUR ACCESSOIRES DE MACHINES LOURDES**
[72] HAROLDSEN, J. TRON, US
[72] NIX, JEREMY K., US
[71] ASPHALT ZIPPER, US
[22] 2003-12-19
[41] 2004-07-07
[30] US (10/337,584) 2003-01-07

[21] **2,453,857**
[13] A1
[51] **Int.Cl. 7G06F 17/30 7G06F 7/24**
[25] EN
[54] **REMOTE MANAGEMENT OF AN EXTERNAL PHONEBOOK**
[54] **TELEGESTION D'UN ANNUAIRE TELEPHONIQUE EXTERNE**
[72] LOUIE, GARY, CA
[72] DURY, JAMES, CA
[72] WONG, SEAN, CA
[72] JANSSEN, HOLGER, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-22
[41] 2004-07-08
[30] US (10/338,439) 2003-01-08

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[21] **2,453,866**
[13] A1
[51] **Int.Cl. 7B05B 7/14**
[25] EN
[54] **METHOD AND SYSTEM FOR PUMPING POWDER, AND POWDER COATING APPARATUS**
[54] **METHODE ET SYSTEME POUR POMPER DE LA POUDRE ET APPAREIL A PEINTURER A LA POUDRE**
[72] SANWALD, MARCO, CH
[71] ITW GEMA AG, CH
[22] 2003-12-18
[41] 2004-07-08
[30] DE (103 00 280.4) 2003-01-08
[30] EP (03 014 661.7) 2003-06-27

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[13] A1
[51] **Int.Cl. 7A47B 97/00**
[25] EN
[54] **APPARATUS AND METHOD FOR PRECLUDING ARTICLES FROM FALLING INTO A GAP**
[54] **APPAREIL ET METHODE POUR EMPECHER DES ARTICLES DE TOMBER DANS UNE OUVERTURE**
[72] OWEN, JAMES G., US
[71] OWEN, JAMES G., US
[22] 2003-12-22
[41] 2004-07-08
[30] US (60/438,687) 2003-01-08

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[21] **2,454,012**
[13] A1
[51] **Int.Cl. 7G05B 19/042 7G08C 19/00 7H05B 37/02 7G08B 13/181**
[25] EN
[54] **ULTRASONIC DISPLACEMENT SENSOR USING DIGITAL SIGNAL PROCESSING DETECTION**
[54] **CAPTEUR DE DEPLACEMENT ULTRASONORE FAISANT APPEL A LA DETECTION PAR TRAITEMENT DE SIGNAUX NUMERIQUES**
[72] FOX, MARTIN D., US
[72] BALDWIN, JOHN R., US
[71] HUBBELL INCORPORATED, US
[22] 2003-12-23
[41] 2004-07-08
[30] US (10/337,878) 2003-01-08

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[21] **2,454,121**
[13] A1
[51] **Int.Cl. 7E04G 11/08**
[25] EN
[54] **CONCRETE FORM ASSEMBLY**
[54] **COFFRAGE A BETON**
[72] PETERSON, ERIK C., US
[72] MILLER, THOMAS E., US
[71] METAL FORMS CORPORATION, US
[22] 2003-12-23
[41] 2004-07-07
[30] US (10/337,798) 2003-01-07

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[21] **2,454,151**
[13] A1
[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **MULTIPLE INBOUND CHANNEL GRANTING METHOD AND APPARATUS**
[54] **METHODE ET DISPOSITIF DE CONCESSION DE COMMUNICATIONS D'ARRIVEE MULTIPLES**
[72] RUDOWICZ, MICHAEL, US
[71] MOTOROLA, INC., US
[22] 2003-12-23
[41] 2004-07-07
[30] US (10/337,599) 2003-01-07

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[21] **2,454,206**
[13] A1
[51] **Int.Cl. 7B29C 45/14 7B29C 45/00 7C08G 18/48**
[25] EN
[54] **PROCESS FOR PRODUCING POLYURETHANE MOLDINGS**
[54] **METHODE DE PRODUCTION D'OBJETS MOULES EN POLYURETHANE**
[72] WIRTH, JUERGEN, DE
[72] SIEBEN, KLAUS, DE
[72] PAWLIK, WOLFGANG, DE
[72] BEGEMANN, MICHAEL, DE
[71] HENNECKE GMBH, DE
[22] 2003-12-23
[41] 2004-07-07
[30] DE (10300101.8) 2003-01-07

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[21] **2,454,234**
[13] A1
[51] **Int.Cl. 7H01R 13/627**
[25] EN
[54] **CONNECTOR WITH SNAP COLLAR LATCHING**
[54] **CONNECTEUR A VERROUILLAGE PAR COLLIER A PRESSION**
[72] TURCK, DIETRICH, DE
[72] SCHMIDT, WERNER, DE
[71] ESCHA BAUELEMENTE GMBH, DE
[71] LUMBERG AUTOMATION COMPONENTS GMBH & CO. KG, DE
[22] 2003-12-23
[41] 2004-07-10
[30] DE (20300326.8) 2003-01-10

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[13] A1
[51] **Int.Cl. 7B65D 75/04 7B65B 63/02 7B65D 65/02 7B65B 11/28 7B65D 65/40**
[25] EN
[54] **METHOD AND APPARATUS FOR PACKAGING MATERIAL UNDER COMPRESSION AND THE PACKAGE MADE THEREBY**
[54] **METHODE ET APPAREIL D'EMBALLAGE DE MATERIAU PAR COMPRESSION, ET EMBALLAGE FABRIQUE DE CETTE FACON**
[72] O'CONNOR, LAWRENCE J., US
[71] KT HOLDINGS LTD., CA
[22] 2003-12-29
[41] 2004-07-07
[30] US (60/438,293) 2003-01-07
[30] US (10/660,645) 2003-09-12

[21] **2,454,359**
[13] A1
[51] **Int.Cl. 7B60K 31/18 7G01P 3/42**
[25] EN
[54] **VEHICLE SPEED DISPLAY APPARATUS**
[54] **APPAREIL D'AFFICHAGE DE LA VITESSE D'UN VEHICULE**
[72] NAKAZAWA, TAKESHI, JP
[72] YAMAZAKI, MASAKI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2003-12-29
[41] 2004-07-08
[30] JP (2003-002136) 2003-01-08

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[21] **2,454,441**
[13] A1
[51] **Int.Cl. 7F23G 5/50 7F23G 5/027 7G01N 27/416 7F23G 5/44**
[25] EN
[54] **METHODS AND SYSTEMS FOR MEASURING AND CONTROLLING THE PERCENT STOICHIOMETRIC OXIDANT IN AN INCINERATOR**
[54] **METHODES ET SYSTEMES POUR MESURER ET CONTROLER LE POURCENTAGE STOECHIOMETRIQUE D'OXYDANT DANS UN INCINERATEUR**
[72] SMITH, JOSEPH D., US
[72] ARNOLD, KENNY M., US
[72] HONG, JIANHUI, US
[71] JOHN ZINK COMPANY, LLC, US
[22] 2003-12-30
[41] 2004-07-09
[30] US (10/339,362) 2003-01-09

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[21] **2,454,455**
[13] A1
[51] **Int.Cl. 7C07C 211/55**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF AMINODIPHENYLAMINES**
[54] **PROCEDE DE PRODUCTION D'AMINODIPHENYLAMINES**
[72] SICHENEDER, ADOLF, DE
[72] SCHOLZ, ULRICH, DE
[72] HAIDER, JOACHIM, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2003-12-30
[41] 2004-07-07
[30] DE (10300126.3) 2003-01-07

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[21] **2,454,507**
[13] A1
[51] **Int.Cl. 7E04D 13/17 7F24F 7/02 7E04D 13/152**
[25] EN
[54] **UNITARY ATTIC RAFTER VENT AND INSULATION DAM ASSEMBLY**
[54] **ENSEMBLE D'ISOLATION ET DE VENTILATION INTEGRE AUX CHEVRONS DE GRENIER**
[72] MALONE, BRUCE A., US
[72] LACEY, TIMOTHY, US
[72] GEER, GARRET F., US
[71] DOW GLOBAL TECHNOLOGIES INC., US
[22] 2003-12-30
[41] 2004-07-08
[30] US (60/438,943) 2003-01-08
[30] US (60/503,744) 2003-09-17

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[13] A1
[51] **Int.Cl. 7F04F 1/06 7A01G 23/10 7A01G 23/14**
[25] EN
[54] **AIR DRIVEN LIQUID PUMP**
[54] **POMPE A LIQUIDE A ENTRAINEMENT PNEUMATIQUE**
[72] HARVEY, JULES, CA
[71] HARVEY, JULES, CA
[22] 2004-01-08
[41] 2004-07-10
[30] GB (0300520.4) 2003-01-10

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[21] **2,454,590**
[13] A1
[51] **Int.Cl. 7B60N 2/30 7B60N 2/02**
[25] EN
[54] **STOWABLE REAR SEAT FOR VEHICLE PASSENGER COMPARTMENTS**
[54] **SIEGE ARRIERE ESCAMOTABLE POUR HABITACLE DE VEHICULE**
[72] DANIEL, PATRICK, FR
[71] FAURECIA AUTOMOTIVE SEATING CANADA LIMITED, CA
[22] 2003-12-31
[41] 2004-07-06
[30] US (60/437,987) 2003-01-06

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[13] A1
[51] **Int.Cl. 7E21B 23/04 7E21B 21/10 7E21B 43/10 7E21B 33/13**
[25] EN
[54] **METHOD AND APPARATUS FOR SURGE PRESSURE REDUCTION IN A TOOL WITH FLUID MOTIVATOR**
[54] **METHODE ET APPAREIL POUR LA REDUCTION DES COUPS DE BELIER DANS UN OUTIL EQUIPE D'UN MOTEUR FACILITANT LE DEBIT**
[72] GUDMESTAD, TARALD, US
[72] MURRAY, MARK J., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2003-12-31
[41] 2004-07-09
[30] US (10/339,367) 2003-01-09

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[21] **2,454,713**
[13] A1
[51] **Int.Cl. 7C10L 1/22 7C10L 1/18**
[25] EN
[54] **FUEL ADDITIVE COMPOSITION AND FUEL COMPOSITION CONTAINING THE SAME**
[54] **COMPOSITION D'ADDITIFS POUR CARBURANT ET COMPOSITION DE CARBURANT RENFERMANT CELLE-CI**
[72] OHTA, SATOSHI, JP
[72] WATANABE, HIROSHI, JP
[72] UMEHARA, KATSUMI, JP
[71] CHEVRONTEXACO JAPAN LTD., JP
[22] 2003-12-31
[41] 2004-07-06
[30] JP (2003-000632) 2003-01-06

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[13] A1
[51] **Int.Cl. 7G06F 17/60 7B61L 27/04**
[25] EN
[54] **MULTI-LEVEL RAILWAY OPERATIONS OPTIMIZATION**
[54] **OPTIMISATION D'OPERATIONS FERROVIAIRES MULTINIVEAU**
[72] KUMAR, AJITH K., US
[72] HOUPT, PAUL K., US
[72] KISAK, JEFFREY, US
[72] NELSON, SCOTT D., US
[72] JULICH, PAUL M., US
[72] SHAFFER, GLENN, US
[72] MATHE, STEPHEN S., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2004-01-05
[41] 2004-07-06
[30] US (60/438,234) 2003-01-06
[30] US (UNKNOWN) 2003-12-15

[21] **2,454,741**
[13] A1
[51] **Int.Cl. 7A23G 3/00**
[25] EN
[54] **QUICKLY DISSOLVING AERATED CONFECTIONS AND METHODS OF PREPARATION**
[54] **CONFISERIES AEREES SE DISSOLVANT RAPIDEMENT ET METHODES POUR LEUR PREPARATION**
[72] GEOFFRION, JAMES W., US
[72] ZIETLOW, PHILIP K., US
[72] LANGE, JAY D., US
[72] LEUSNER, STEVEN J., US
[72] AJAO, DIRAN, US
[72] VAN LENGERICH, BERNHARD H., US
[71] GENERAL MILLS, INC., US
[22] 2004-01-05
[41] 2004-07-06
[30] US (10/337,030) 2003-01-06

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[13] A1
[51] **Int.Cl. 7F04B 53/14 7F04B 39/00**
[25] EN
[54] **PISTON PUMP**
[54] **POMPE A PISTON**
[72] KULTGEN, RAYMOND J., US
[72] LEU, SHAWN A., US
[71] THOMAS INDUSTRIES INC., US
[22] 2004-01-05
[41] 2004-07-08
[30] US (10/338,950) 2003-01-08

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[13] A1
[51] **Int.Cl. 7B63H 25/02 7B63H 25/52**
[25] EN
[54] **APPARATUS FOR BODY MOTION STEERING CONTROL FOR WATER CRAFT**
[54] **APPAREIL PERMETTANT DE DIRIGER UNE EMBARCATION PAR INCLINAISON DU CORPS**
[72] MEYER, MAURICE ROSE, CA
[71] MEYER, MAURICE ROSE, CA
[22] 2004-01-05
[41] 2004-07-06
[30] US (60/438,080) 2003-01-06

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[13] A1
[51] **Int.Cl. 7B63B 35/38 7B63B 1/12**
[25] EN
[54] **A PONTOON STABILIZED ALUMINUM WATER CRAFT**
[54] **EMBARCATION EN ALUMINIUM STABILISEE PAR DES FLOTTEURS**
[72] GURSOY, ERKAN, CA
[71] GURSOY, ERKAN, CA
[22] 2004-01-05
[41] 2004-07-06
[30] US (60/438,086) 2003-01-06

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[21] **2,454,813**
[13] A1
[51] **Int.Cl. 7A47L 5/14**
[25] EN
[54] **INTERLOCK MECHANISMS**
[54] **MECANISMES D'INTERVERROUILLAGE**
[72] SADLER, JOHN, GB
[72] TATE, CLARE, GB
[71] BLACK & DECKER INC., US
[22] 2003-12-31
[41] 2004-07-09
[30] GB (0300442.1) 2003-01-09

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[21] **2,454,838**
[13] A1
[51] **Int.Cl. 7A47L 25/00 7C09J 7/02**
[25] EN
[54] **ADHESIVE ROLLER**
[54] **ROULEAU NETTOYEUR ADHESIF**
[72] MCKAY, NICHOLAS D., JR., US
[71] THE EVERCARE COMPANY, US
[22] 2004-01-05
[41] 2004-07-09
[30] US (10/339,542) 2003-01-09

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[21] **2,454,840**
[13] A1
[51] **Int.Cl. 7E21B 33/124 7E21B 33/128**
[25] EN
[54] **HIGH EXPANSION NON-ELASTOMERIC STRADDLE TOOL**
[54] **PACKER D'INTERVALLES NON EN ELASTOMERE FORTEMENT EXPANSIF**
[72] HOFFMAN, COREY, US
[72] WILSON, PAUL, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-01-05
[41] 2004-07-09
[30] US (10/339,375) 2003-01-09

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[21] **2,454,842**
[13] A1
[51] **Int.Cl. 7B03B 9/02 7C02F 1/26**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING TIME- AND WEIGHT-BASED FLEXIBLY TOLERANT ID**
[54] **SYSTEMES ET METHODES PERMETTANT D'OFFRIR UNE IDENTIFICATION TOLERANTE A FLEXIBILITE BASEE SUR LE TEMPS ET LE POIDS**
[72] HUGHES, AIDEN T., US
[72] GUNYAKI, CAGLAR, US
[72] DUBLISH, PRATUL, US
[71] MICROSOFT CORPORATION, US
[22] 2004-01-05
[41] 2004-07-06
[30] US (10/337,064) 2003-01-06

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[21] **2,454,843**
[13] A1
[51] **Int.Cl. 7G06F 9/44 7G06F 11/34**
[25] EN
[54] **METHOD AND SYSTEM FOR RECORDING MACROS IN A LANGUAGE INDEPENDENT SYNTAX**
[54] **METHODE ET SYSTEME D'ENREGISTREMENT DE MACROS DANS UNE SYNTAXE INDEPENDANTE DU LANGAGE**
[72] COLE, DAVID PETER, US
[72] MATHEW, ABRAHAM, US
[71] MICROSOFT CORPORATION, US
[22] 2004-01-05
[41] 2004-07-08
[30] US (10/338,295) 2003-01-08

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[21] **2,454,851**
[13] A1
[51] **Int.Cl. 7C10L 1/18 7C10L 1/22**
[25] EN
[54] **FUEL ADDITIVE COMPOSITION AND FUEL COMPOSITION CONTAINING THE SAME**
[54] **COMPOSITION D'ADDITIFS POUR CARBURANT ET COMPOSITION DE CARBURANT RENFERMANT CELLE-CI**
[72] WATANABE, HIROSHI, JP
[72] OHTA, SATOSHI, JP
[72] UMEHARA, KATSUMI, JP
[71] CHEVRONTEXACO JAPAN LTD., JP
[22] 2003-12-30
[41] 2004-07-06
[30] JP (2003-000631) 2003-01-06

[21] **2,454,870**
[13] A1
[51] **Int.Cl. 7B65G 17/06**
[25] EN
[54] **CONVEYANCE CHAIN**
[54] **CHAINE DE TRANSPORT**
[72] FANDELLA, SERGIO, IT
[71] HABASIT AG, CH
[22] 2003-12-30
[41] 2004-07-09
[30] IT (TV2003A000001) 2003-01-09
[30] IT (TV2003A9000039) 2003-03-05

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[21] **2,454,875**
[13] A1
[51] **Int.Cl. 7C07C 211/55**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF NITRODIPHENYLAMINES**
[54] **PROCEDE DE PREPARATION DE NITRODIPHENYLAMINES**
[72] SICHENEDER, ADOLF, DE
[72] GANZER, DIRK, DE
[72] HAIDER, JOACHIM, DE
[72] KUNZ, KLAUS, DE
[72] SCHOLZ, ULRICH, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2003-12-30
[41] 2004-07-07
[30] DE (10300125.5) 2003-01-07

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[13] A1
[51] **Int.Cl. 7C03B 37/012 7C03B 37/02 7C03B 23/04 7C03B 23/045 7C03B 23/057**
[25] EN
[54] **METHOD OF FUSING AND STRETCHING A LARGE DIAMETER OPTICAL WAVEGUIDE**
[54] **METHODE DE FUSION ET D'ETIREMENT D'UN GUIDE D'ONDES OPTIQUE DE GRAND DIAMETRE**
[72] KUCZMA, ANDY, US
[72] DOWD, EDWARD MICHAEL, US
[72] PIKE, BRIAN JOHN, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-01-06
[41] 2004-07-06
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[51] **Int.Cl. 7G06F 17/30**
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[54] **IMAGE ASSOCIATION PROCESS**
[54] **PROCEDE D'ASSOCIATION D'IMAGES**
[72] STEENSMA, CRAIG A., US
[71] EVENTSHOTS.COM INCORPORATED, US
[22] 2004-01-06
[41] 2004-07-09
[30] US (60/439,384) 2003-01-09
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[51] **Int.Cl. 7H04Q 7/22 7H04Q 7/38**
[25] EN
[54] **SHORT TEXT MESSAGING-BASED INCOMING CALL TERMINATION CONTROL**
[54] **COMMANDE DE TERMINAISON D'APPEL ENTRANT BASEE SUR LA MESSAGERIE POUR TEXTES COURTS**
[72] LANG, ALEXANDER C., CA
[71] LANG, ALEXANDER C., CA
[22] 2004-01-07
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[25] EN
[54] **SMART RESOLUTION VALVE PRESSURE CONTROL**
[54] **COMMANDE DE PRESSION D'ELECTRO-VALVE INTELLIGENTE SENSIBLE**
[72] WOOD, JAMES A., US
[72] SCHWEIKERT, DAVID E., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2004-01-07
[41] 2004-07-08
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[25] EN
[54] **BAKING UTENSILS WITH INDICIA**
[54] **USTENSILES A CUISSON AVEC MARQUES REPERES**
[72] KONTOROVICH, BORIS, US
[72] WHITE, CARLY, US
[72] KENNEDY, TIM, US
[72] SHAW, BRADFORD W., US
[72] PATAMIKAKORN, CHARITA, US
[71] WKI HOLDING COMPANY, INC., US
[22] 2004-01-07
[41] 2004-07-09
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[51] **Int.Cl. 7E02F 3/18 7E02F 5/08 7E02D 17/13**
[25] EN
[54] **DRUM FOR AN EXCAVATOR THAT CAN BE USED IN PARTICULAR FOR THE PRODUCTION OF VERTICAL TRENCHES IN HARD OR VERY HARD SOILS**
[54] **TAMBOUR D'EXCAVATRICE POUVANT ETRE UTILISE PARTICULIEREMENT POUR LE CREUSAGE DE TRANCHEES DANS DES SOLS DURS OU TRES DURS**
[72] MATHIEU, FABRICE, FR
[72] DENIAU, ALAIN, FR
[71] COMPAGNIE DU SOL, FR
[22] 2004-01-07
[41] 2004-07-08
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[25] EN
[54] **NON-INVASIVE BLOOD MONITOR**
[54] **DISPOSITIF NON INVASIF D'ANALYSE SANGUINE**
[72] RIBARIC, ZELJKO, CA
[72] JAY, PAUL R., CA
[71] INTELLIGENT PHOTONICS CONTROL CORP., CA
[22] 2004-01-07
[41] 2004-07-07
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[13] A1
[51] **Int.Cl. 7B25F 5/02 7B25F 3/00 7B23B 45/02 7B27C 5/10**
[25] EN
[54] **ATTACHMENT FOR POWER TOOL**
[54] **ACCESSOIRE POUR OUTIL ELECTRIQUE**
[72] ADLER, SCOTT, US
[72] KOPRAS, ROBERT K., US
[72] ALBRECHT, BRIAN, US
[72] UZUMCU, AL, US
[71] CREDO TECHNOLOGY CORPORATION, US
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[41] 2004-07-08
[30] US (60/438,794) 2003-01-08
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[13] A1
[51] **Int.Cl. 7B23K 26/40 7B23K 26/04 7B23K 26/38**
[25] EN
[54] **PROCESS OF REMOVING A CERAMIC COATING DEPOSIT IN A SURFACE HOLE OF A COMPONENT**
[54] **PROCEDE PERMETTANT D'ENLEVER LE DEPOT DE REVETEMENT CERAMIQUE DES TROUS DE SURFACE D'UN COMPOSANT**
[72] BAILEY, MARK SAMUEL, US
[72] TOMLINSON, THOMAS JOHN, US
[72] ASH, CLARENCE ALBERT, US
[72] DAS, NRIPENDRA NATH, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. 7E04B 1/62 7E06B 1/62**
[25] EN
[54] **INSULATED BUILDING STRUCTURES CONTAINING COMPRESSIBLE CPI FOAM AND A METHOD FOR THEIR FABRICATION**
[54] **STRUCTURES DE CONSTRUCTION ISOLANTES CONTENANT UNE MOUSSE ISOLANTE DE POLYMERE COMPRESSIBLE (CPI), ET METHODE DE FABRICATION**
[72] LACEY, TIMOTHY C., US
[72] BIBEE, DOUGLAS V., US
[72] MALONE, BRUCE A., US
[71] DOW GLOBAL TECHNOLOGIES INC., US
[22] 2004-01-08
[41] 2004-07-09
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[13] A1
[51] **Int.Cl. 7G08G 1/133**
[25] EN
[54] **DYNAMIC WINDOW VEHICLE TRACKING METHOD**
[54] **METHODE DE SUIVI DYNAMIQUE DE VEHICULE**
[72] JONES, MIKE, CA
[71] JONES, MIKE, CA
[22] 2004-01-08
[41] 2004-07-08
[30] US (60/438,512) 2003-01-08

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[51] **Int.Cl. 7B04B 11/00 7B04B 1/20**
[25] EN
[54] **METHOD OF RETROFITTING A DECANTING CENTIFUGE**
[54] **METHODE DE MONTAGE PAR RATTRAPAGE DE CENTRIFUGEUSE DE DECANTATION**
[72] HENSLEY, GARY L., US
[72] HILPERT, LEE, US
[71] HUTCHISON-HAYES INTERNATIONAL, INC., US
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[41] 2004-07-08
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[13] A1
[51] **Int.Cl. 7B60T 13/70**
[25] EN
[54] **RELAY VALVE BASED ACCELERATED BRAKE PIPE APPLICATION AND RELEASE SYSTEM**
[54] **SYSTEME DE SERRAGE ET DE DESSERRAGE ACCELERES DE FREIN A CONDUITE MUNIE D'UNE VALVE-RELAIS**
[72] CONDRASKY, JOHN P., US
[72] WOOD, JAMES A., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[41] 2004-07-08
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[51] **Int.Cl. 7B26B 29/00 7A47J 17/00**
[25] EN
[54] **PIVOTAL GUARD COVER FOR HAND-HELD KITCHEN PEELER**
[54] **COUVERCLE DE PROTECTION PIVOTANT POUR EPLUCHEUSE MANUELLE**
[72] DRUMMOND, ALEC, US
[72] ZAMANSKY, NOAH, US
[72] PROMMEL, MARK, US
[71] WKI HOLDING COMPANY, INC., US
[22] 2004-01-06
[41] 2004-07-08
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[13] A1
[51] **Int.Cl. 7G05B 9/03 7F01K 13/02 7F02C 9/28**
[25] EN
[54] **SERVO-VALVE CONTROL DEVICE AND SERVO-VALVE CONTROL SYSTEM WITH ABNORMALITY DETECTION**
[54] **DISPOSITIF DE COMMANDE DE SERVOVALVE ET SYSTEME DE COMMANDE DE SERVOVALVE AVEC DETECTION D'ANOMALIE**
[72] YAKUSHI, KOJI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2004-01-07
[41] 2004-07-09
[30] JP (P2003-002687) 2003-01-09

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[13] A1
[51] **Int.Cl. 7A01K 13/00 7A45B 23/00 7A01K 29/00 7A45B 11/02**
[25] EN
[54] **ANIMAL UMBRELLA**
[54] **PARAPLUIE POUR ANIMAL**
[72] SEYMOUR, LOU, CA
[71] SEYMOUR, LOU, CA
[22] 2004-01-06
[41] 2004-07-06
[30] CA (2,414,679) 2003-01-06

[21] **2,454,952**
[13] A1
[51] **Int.Cl. 7C01F 7/02 7C01F 7/38**
[25] EN
[54] **HIGH-ALUMINA RAW MATERIAL AND PROCESS OF PRODUCING**
[54] **MATIERE BRUTE A FORTE TENEUR EN ALUMINE ET PROCEDE POUR SA PRODUCTION**
[72] FEIGE, REINHARD, DE
[72] STEYER, JUERGEN, DE
[72] MERKER, GERHARD, DE
[71] ALUMINIUM-SALZSCHLACKE AUFBEREITUNGS GMBH, DE
[22] 2004-01-08
[41] 2004-07-08
[30] DE (103 00 170.00) 2003-01-08

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[51] **Int.Cl. 7B60T 8/18 7B60T 13/66**
[25] EN
[54] **DIGITAL MULTI-POINT ELECTRONIC LOAD WEIGH SYSTEM**
[54] **SYSTEME DE PESAGE ELECTRONIQUE MULTIPOINT NUMERIQUE**
[72] MAZUR, RICHARD J., US
[72] WOOD, JAMES A., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2004-01-08
[41] 2004-07-08
[30] US (10/338,296) 2003-01-08

[21] **2,454,956**
[13] A1
[51] **Int.Cl. 7A01K 31/04 7A01C 3/00 7A01K 45/00 7A01K 31/06**
[25] EN
[54] **CAGE INSTALLATION FOR POULTRY**
[54] **VOLIERE**
[72] KUEHLMANN, JOSEF, DE
[71] FARMER-AUTOMATIC JOSEF KUHLMANN GMBH & CO. KG, DE
[22] 2004-01-07
[41] 2004-07-09
[30] DE (203 00 221.0) 2003-01-09

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[13] A1
[51] **Int.Cl. 7B25B 27/10 7F16L 33/00**
[25] EN
[54] **PNEUMATICALLY ACTUATED ASSEMBLY APPARATUS AND METHOD OF ASSEMBLY**
[54] **APPAREIL D'ASSEMBLAGE ET METHODE D'ASSEMBLAGE A MANOEUVRE PNEUMATIQUE**
[72] COOK, LARRY J., US
[71] COOK, LARRY J., US
[22] 2004-01-08
[41] 2004-07-08
[30] US (60/438,439) 2003-01-08
[30] US (10/707,731) 2004-01-07

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[51] **Int.Cl. 7H04M 17/00 7H04M 15/00**
[25] EN
[54] **SYSTEMS AND METHODS FOR EMPLOYING "PAY-AS-YOU-GO" TELECOMMUNICATION SERVICES**
[54] **SYSTEMES ET METHODES POUR LE RECOURS A DES SERVICES DE TELECOMMUNICATION FACTURES ~ L'UTILISATION**
[72] STEINBERG, DAVID A., US
[72] WILLS, HAROLD S., US
[71] INPHONIC, INC., US
[22] 2004-01-07
[41] 2004-07-07
[30] US (10/337,301) 2003-01-07

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[13] A1
[51] **Int.Cl. 7B32B 21/08 7B32B 31/04 7B27M 3/06 7B32B 5/18 7E04F 15/20**
[25] EN
[54] **SOUND SUPPRESSING FLOORING AND METHOD OF MANUFACTURING SAME**
[54] **PLANCHER INSONORISE ET METHODE DE FABRICATION**
[72] GALLANT, MEL, CA
[71] GALLANT, MEL, CA
[22] 2004-01-08
[41] 2004-07-09
[30] US (60/438,789) 2003-01-09

[21] **2,454,974**
[13] A1
[51] **Int.Cl. 7H04L 9/32 7H04L 9/28**
[25] EN
[54] **METHOD FOR AUTHENTICATING A MESSAGE**
[54] **METHODE D'AUTHENTIFICATION D'UN MESSAGE**
[72] SHAFFER, RONALD L., II, US
[72] BRIGHT, MICHAEL W., US
[71] MOTOROLA, INC., US
[22] 2004-01-09
[41] 2004-07-10
[30] US (10/340,370) 2003-01-10

[21] **2,454,978**
[13] A1
[51] **Int.Cl. 7A47D 15/00 7A47D 13/02**
[25] EN
[54] **A DEVICE FOR REMOVABLY FITTING CARRYCOT SEATS AND CARRYCOTS TO BABY CARRIAGES**
[54] **DISPOSITIF DEMONTABLE DE FIXATION DE SIEGES PORTE-BEBES ET DE PORTE-BEBES A DES LANDAUS**
[72] JANE SANTAMARIA, MANUEL, ES
[71] JANES, S.A., ES
[22] 2004-01-07
[41] 2004-07-09
[30] ES (U 200300028) 2003-01-09

[21] **2,454,996**
[13] A1
[51] **Int.Cl. 7B60T 17/18 7B60T 17/22**
[25] EN
[54] **SOFTWARE BASED BRAKE SHOE WEAR DETERMINATION**
[54] **DETERMINATION DE L'USURE DE SEGMENTS DE FREINS ASSISTEE PAR LOGICIEL**
[72] DEWBERRY, JAMES T., US
[72] SCHARF, ROBERT N., US
[72] SCHWEIKERT, DAVID E., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2004-01-09
[41] 2004-07-09
[30] US (10/339,030) 2003-01-09

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[51] **Int.Cl. 7H04B 1/034 7H02J 7/00**
[25] EN
[54] **CIRCUIT AND METHOD FOR PROVIDING AN AUTO-OFF CAPABILITY FOR A WIRELESS TRANSMITTER**
[54] **CIRCUIT ET METHODE POUR OFFRIR UNE CAPACITE D'ARRET AUTOMATIQUE D'UN EMETTEUR SANS FIL**
[72] COHEN, ARTHUR L., US
[72] GLISSMAN, JOHN, US
[71] AERIELLE GROUP INTERNATIONAL INC., US
[22] 2004-01-09
[41] 2004-07-09
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[13] A1
[51] **Int.Cl. 7C03C 25/26 7C09D 175/04**
[25] EN
[54] **SECONDARY COATINGS AND FIBER GLASS STRANDS HAVING A SECONDARY COATING**
[54] **REVETEMENTS SECONDAIRES ET TORONS EN FIBRE DE VERRE COMPORTANT UN REVETEMENT SECONDAIRE**
[72] GREER, ROBERT W., IV, US
[71] PPG INDUSTRIES OHIO, INC., US
[22] 2004-01-09
[41] 2004-07-10
[30] US (60/439,129) 2003-01-10

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[51] **Int.Cl. 7B62D 37/00 7E02B 3/04 7B60K 15/077 7B65D 90/52**
[25] EN
[54] **LIQUID STABILIZING DEFLECTOR BAFFLE**
[54] **CHICANE A DEFLECTEURS POUR LA STABILISATION DES LIQUIDES**
[72] BAMBACIGNO, JOHN A., US
[71] BAMBACIGNO, JOHN A., US
[22] 2004-01-09
[41] 2004-07-10
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[51] **Int.Cl. 7A47J 36/06 7A47J 27/00**
[25] EN
[54] **COOKING VESSELS AND LID THEREFOR**
[54] **RECIPIENT DE CUISSON ET COUVERCLE CONNEXE**
[72] RESTIS, THOMAS, US
[72] KERULIS, PATRICK, US
[72] LIN, YVONNE, US
[72] ERHARDT, PAUL, US
[72] VORRDENBURG, STEVEN, US
[72] BURTON, MAXIMILLIAN PHILIP, US
[71] WKI HOLDING COMPANY, INC., US
[22] 2004-01-09
[41] 2004-07-09
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[13] A1
[51] **Int.Cl. 7A47F 5/02 7A47F 5/00**
[25] EN
[54] **DISPLAY SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE PRESENTATION**
[72] FELDMAN, JASON LEE, US
[72] DANTZLER, ERNEST RAYMOND III, US
[72] POOLE, AUGUSTUS DAVIS JR., US
[72] HARKNESS, CHRISTOPHER LEE, US
[71] HOME DEPOT U.S.A., INC., US
[22] 2004-01-08
[41] 2004-07-08
[30] US (60/438,729) 2003-01-08
[30] US (60/498,164) 2003-08-27

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[13] A1
[51] **Int.Cl. 7G01M 3/20 7H01M 8/24**
[25] EN
[54] **METHOD AND APPARATUS FOR LOCATING INTERNAL TRANSFER LEAKS WITHIN FUEL CELL STACKS**
[54] **METHODE ET DISPOSITIF DE LOCALISATION DE FUITES DE TRANSFERT INTERIEUR DANS DES RANGEES DE PILES A COMBUSTIBLE**
[72] INGLEHART, KARL D., CA
[72] WANG, ZHAOYU, CA
[72] LUTZ, STEPHAN, DE
[71] BALLARD POWER SYSTEMS INC., CA
[22] 2004-01-09
[41] 2004-07-09
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[13] A1
[51] **Int.Cl. 7G01B 11/275**
[25] EN
[54] **METHOD OF AND APPARATUS FOR THE INSPECTION OF VEHICLE WHEEL ALIGNMENT**
[54] **METHODE ET DISPOSITIF D'INSPECTION DU REGLAGE DU PARALLELISME DES ROUES DE VEHICULE**
[72] STOPA, GARRY, CA
[71] STOPA, GARRY, CA
[22] 2004-01-08
[41] 2004-07-09
[30] US (60/438,797) 2003-01-09

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[51] **Int.Cl. 7A01K 39/014 7A01K 31/00 7A01K 39/01**
[25] EN
[54] **BIRD FEEDER**
[54] **MANGEOIRE A OISEAUX**
[72] FORT, W. GRADY II, US
[71] DAISY MANUFACTURING CO., US
[22] 2004-01-08
[41] 2004-07-10
[30] US (10/339,315) 2003-01-10

[21] **2,455,101**
[13] A1
[51] **Int.Cl. 7E21B 34/06 7E21B 34/14**
[25] EN
[54] **FIBER OPTIC BASED METHOD AND SYSTEM FOR DETERMINING AND CONTROLLING POSITION OF A SLIDING SLEEVE VALVE**
[54] **METHODE ET SYSTEME A FIBRE OPTIQUE PERMETTANT DE DETERMINER ET DE COMMANDER LA POSITION D'UNE VANNE A MANCHON COULISSANT**
[72] OGLE, PETER, US
[72] HAY, ARTHUR D., US
[72] ROBINSON, ROBERT, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-01-09
[41] 2004-07-09
[30] US (10/339,263) 2003-01-09

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[13] A1
[51] **Int.Cl. 7A01K 39/014 7A01K 31/00 7A01K 39/01**
[25] EN
[54] **BIRD FEEDER**
[54] **MANGEOIRE POUR OISEAUX**
[72] FORT, W. GRADY II, US
[71] DAISY MANUFACTURING CO., US
[22] 2004-01-08
[41] 2004-07-10
[30] US (10/339,316) 2003-01-10

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[13] A1
[51] **Int.Cl. 7B60D 1/46 7B60R 9/06 7B60P 3/07 7B60D 1/14**
[25] EN
[54] **MOTORCYCLE TOWING APPARATUS**
[54] **APPAREIL DE REMORQUAGE DE MOTOCYCLETTE**
[72] WATSON, TERRY, CA
[71] WATSON, TERRY, CA
[22] 2004-01-12
[41] 2004-07-10
[30] US (60/439,034) 2003-01-10

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[13] A1
[51] **Int.Cl. 7B65D 35/24 7B65D 37/00 7B65D 30/10 7B65D 25/48**
[25] FR
[54] **CONTENANT A BEC VERSEUR FILL-A1**
[54] **FILL-A1 CONTAINER WITH POURING SPOUT**
[72] LAVOIE, DENIS, CA
[71] LAVOIE, DENIS, CA
[22] 2004-01-08
[41] 2004-07-08
[30] US (60/438,389) 2003-01-08

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[13] A1
[51] **Int.Cl. 7C08L 75/04 7C08G 18/10**
[25] EN
[54] **HIGH FRICTION POLYURETHANE ELASTOMERS HAVING IMPROVED ABRASION RESISTANCE**
[54] **ELASTOMERES DE POLYURETHANE A HAUT COEFFICIENT DE FROTTEMENT PRESENTANT UNE ABRASION AMELIOREE**
[72] PALINKAS, RICHARD L., US
[72] PETER, THOMAS H., US
[71] UNIROYAL CHEMICAL COMPANY, INC., US
[85] 2003-10-06
[86] 2002-03-08 (PCT/US2002/007279)
[87] 2002-10-17 (WO2002/081567)
[30] US (60/281,820) 2001-04-05
[30] US (10/091,209) 2002-03-04

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[13] A1
[51] **Int.Cl. 7H01B 3/30 7H01B 7/02 7C09D 123/04 7C09D 123/06 7C08F 297/08 7C09D 123/14 7C09D 123/16 7C08L 23/16 7H01B 3/44**
[25] EN
[54] **INSULATED ELECTRIC WIRE**
[54] **FIL ELECTRIQUE ISOLE**
[72] KANAMORI, YASUO, JP
[72] KIKUCHI, NORIO, JP
[71] YAZAKI CORPORATION, JP
[85] 2003-10-10
[86] 2002-04-09 (PCT/JP2002/003548)
[87] 2002-10-24 (WO2002/083789)
[30] JP (2001-111686) 2001-04-10

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[13] A1
[51] **Int.Cl. 7D21H 11/20 7D21H 17/37**
[25] EN
[54] **CROSS-LINKED PULP AND METHOD OF MAKING SAME**
[54] **PATE RETICULEE ET SON PROCEDE DE FABRICATION**
[72] SEARS, KARL D., US
[72] SOLOMON, TINA R., US
[72] HAEUSSLER, MICHAEL E., US
[71] RAYONIER INC., US
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[54] **VISUAL FUNCTION DISORDER IMPROVING AGENTS**
[54] **AGENTS AMELIORANT LA FONCTION VISUELLE**
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[72] TAKAYAMA, YOSHIKO, JP
[72] UEHATA, MASAYOSHI, JP
[71] SENJU PHARMACEUTICAL CO., LTD., JP
[71] MITSUBISHI PHARMA CORPORATION, JP
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[54] **PPAR-ALPHA-GAMMA LIGANDS OR AGONISTS FOR THE TREATMENT OF INFLAMMATION**
[54] **AGONISTES OU LIGANDS PPAR-ALPHA-GAMMA DESTINES AU TRAITEMENT D'INFLAMMATIONS**
[72] CAI, TIAN-QUAN, US
[72] WRIGHT, SAMUEL D., US
[71] MERCK & CO., INC., US
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[54] **USE OF PPAR-ALPHA-GAMMA LIGANDS OR AGONISTS TO PREVENT THE RUPTURE OF ATHEROSCLEROTIC PLAQUES**
[54] **UTILISATION DE LIGANDS PPAR-ALPHA-GAMMA OU LEURS AGONISTES AFIN D'EVITER LA RUPTURE DE PLAQUES ATHEROSCLEREUSES**
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[54] **DIAGNOSTIC PAR DETECTION DE COMPOSANTS VOLATILS**
[72] BESSANT, CONRAD, GB
[72] LEIFERKUS, JAN, GB
[72] LIEDTKE, CHRISTIAN, DE
[72] SAINI, SELWAYAN, GB
[71] CRANFIELD UNIVERSITY, GB
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[54] **VIRTUAL NETWORKING SYSTEM AND METHOD IN A PROCESSING SYSTEM**
[54] **SYSTEME ET PROCEDE DE RESEAUTAGE VIRTUEL DANS UN SYSTEME DE TRAITEMENT**
[72] MANCA, PETER, US
[72] SPRACHMAN, BEN, US
[72] BROWNELL, VERN, US
[72] DUFFY, EDWARD, US
[72] BUSBY, DAN, US
[72] GREENSPAN, ALAN, US
[72] SCHULTER, PETER, US
[72] GENG, SCOTT, US
[72] CURTIS, PAUL, US
[72] MILNE, EWAN, US
[72] SMITH, MAX, US
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[54] **METHOD AND SYSTEM FOR MASS SPECTROSCOPY**
[54] **PROCEDE ET SYSTEME DE SPECTROSCOPIE DE MASSE**
[72] COHEN, HERBERT, US
[72] KRUTCHINSKY, ANDREW, US
[72] SHERMAN, VADIM, US
[72] CHAIT, BRIAN, US
[72] KALKUM, MARKUS, US
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[54] **PROCEDE DE PREPARATION D'ARIPIPRAZOLE**
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[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
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[72] ANDERSON, DIRK M., US
[71] IMMUNEX CORPORATION, US
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[54] **FILTER DEVICE WITH A UVC LAMP AND A CLEANING ARRANGEMENT FOR SAID UVC LAMP**
[54] **DISPOSITIF FILTRANT COMPRENANT UNE LAMPE A RAYONS ULTRAVIOLETS C ET UN DISPOSITIF DE NETTOYAGE POUR LADITE LAMPE A RAYONS ULTRAVIOLETS C**
[72] HOFFMEIER, DIETER, DE
[71] OASE WUBKER GMBH & CO. KG., DE
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[54] **METHOD AND APPARATUS FOR THE STERILIZATION OF BIOLOGICAL WASTE**
[54] **PROCEDE ET APPAREIL DE STERILISATION DE DECHETS BIOLOGIQUES**
[72] HAELLI, RIKU, FI
[72] NURMINEN, TEPPO, FI
[72] SALMISUO, MAURI, FI
[72] MATTILA, JUHA, FI
[71] STERIS EUROPE INC. SUOMEN SIVULIIKE, FI
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[54] **SYSTEM FOR THE DETECTION OF UREASE AND METHOD FOR USING SAME**
[54] **SYSTEME DE DETECTION D'UREASE ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] PETERSON, KRISTY, US
[72] MCMICHAEL, DONALD J., US
[72] CHAIRMAN, SIMON, AU
[72] MENDIS, ARUNI H. W., AU
[72] MARSHALL, BARRY J., AU
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **SYSTEMS AND METHODS FOR OFFERING AND SERVICING HEDGE FUNDS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'OFFRIR ET DE TRAITER DES FONDS DE PLACEMENTS**
[72] PUNGELLO, MICHAEL LOUIS, US
[72] ROSENBERG, RONALD SCOTT, US
[72] ALDERMAN, ROBERT MICHAEL, US
[72] SHAPIRO, IRA PAUL, US
[72] BAUMGARTEN, STEVEN NEIL, US
[72] SETTE, GRACE THERESA, US
[72] SALVI-CHIARA, LYNDA MARIE, US
[72] LARSEN, LANCE DANIEL, US
[72] WIDGER, ASHLEIGH RYAN, US
[72] MILLER, STEPHEN MICHAEL MULFORD, US
[72] CHANDOR, JEFFREY FRAZER, US
[72] BRENNAN, PAUL JOSEPH, US
[72] CLINTON, WINSTON LLEWELLYN SR., US
[72] HUGHES, COURTNEY LAUREN, US
[72] OLGIN, STEVEN BRUCE, US
[72] TARTANELLA, PAUL JOSEPH, US
[72] VERSLAND, KATHLEEN, US
[72] SKIBIK, GEORGE EDWARD JR., US
[71] MERRILL LYNCH & CO., INC., US
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[54] **PROCEDE DE COLLAGE DE MATERIAUX A BASE DE BOIS**
[72] PIRHONEN, SALME, SE
[72] NASLI-BAKIR, BENYAHIA, SE
[72] LINDH, INGVAR, SE
[71] AKZO NOBEL N.V., NL
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[54] **BLOC MURAL, SYSTEME ET PROCEDE ASSOCIES**
[72] HAMMER, JAMES, US
[71] WESTBLOCK SYSTEMS, INC., US
[85] 2004-04-14
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[54] **SYSTEM FOR IMPROVED POWER SAVINGS DURING FULL DTX MODE OF OPERATION IN THE DOWNLINK**
[54] **SYSTEME POUR GESTION D'ENERGIE DURANT UN MODE DTX SIMULTANE D'OPERATIONS DANS UNE LIAISON DESCENDANTE**
[72] TERRY, STEPHEN E., US
[72] DIFAZIO, ROBERT A., US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2004-04-16
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[54] **ANTIBODIES THAT BIND TO CANCER-ASSOCIATED ANTIGEN CD46 AND METHODS OF USE THEREOF**
[54] **ANTICORPS SE LIANT A UN ANTIGENE CD46 ASSOCIE AU CANCER ET METHODES D'UTILISATION ASSOCIEES**
[72] MATTHER, JENNIE POWELL, US
[71] RAVEN BIOTECHNOLOGIES, INC., US
[85] 2004-04-15
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[54] **PERCURSEUR DE REVETEMENT ET PROCEDE POUR REVETIR UN SUBSTRAT D'UNE COUCHE REFRACTAIRE**
[54] **COATING PRECURSOR AND METHOD FOR COATING A SUBSTRATE WITH A REFRACTORY LAYER**
[72] REY-FLANDRIN, ROBERT, FR
[72] SPADONE, THOMAS, FR
[72] BARTHELEMY, CHRISTIAN, FR
[72] LAMAZE, AIRY-PIERRE, FR
[71] ALUMINIUM PECHINEY, FR
[71] PECHINEY RHENALU, FR
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[54] **MICROFLUIDIC SYSTEM FOR PROTEOME ANALYSIS**
[54] **SYSTEME MICROFLUIDIQUE POUR ANALYSE PROTEOMIQUE**
[72] TIMPERMAN, AARON T., US
[71] WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION, US
[85] 2004-04-14
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[54] **METHOD FOR MONITORING A PUBLIC WATER TREATMENT SYSTEM**
[54] **PROCEDE DE SURVEILLANCE D'UN SYSTEME DE TRAITEMENT DE L'EAU PUBLIQUE**
[72] WOLFE, THOMAS D., US
[72] ELLIOTT, JAMES DOUGLAS III, US
[71] PERLORICA, INC., US
[85] 2004-04-20
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[54] **METHODS AND SYSTEMS FOR DYNAMIC GENE EXPRESSION PROFILING**
[54] **PROCEDES ET SYSTEMES DE PROFILAGE DYNAMIQUE DE L'EXPRESSION DE GENES**
[72] SLEPNEV, VLADMIR I., US
[71] SENTION, INC., US
[85] 2004-04-23
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[87] 2003-05-01 (WO2003/035841)
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[25] EN
[54] **IL-13 MUTEIN PROTEINS, ANTIBODIES, COMPOSITIONS, METHODS AND USES**
[54] **PROTEINES MUTEINES IL-13, ANTICORPS, COMPOSITIONS, PROCEDES ET UTILISATIONS**
[72] HEAVNER, GEORGE, US
[72] LI, LI, US
[71] CENTOCOR, INC., US
[85] 2004-04-23
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[25] EN
[54] **IBC-1 (INVASIVE BREAST CANCER-1), A PUTATIVE ONCOGENE AMPLIFIED IN BREAST CANCER**
[54] **IBC-1 (CANCER DU SEIN INVASIF-1), ONCOGENE PRESUME AMPLIFIE DANS LE CANCER DU SEIN**
[72] PORTER, DALE, US
[72] POLYAK, KORNELIA, US
[72] SETH, PANKAJ, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2004-04-23
[86] 2002-10-28 (PCT/US2002/034499)
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[25] EN
[54] **COMPOSITIONS FOR TREATMENT OF POSTMENOPAUSAL FEMALE SEXUAL DYSFUNCTION**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE LA DYSFONCTION SEXUELLE POSTMENOPAUSIQUE**
[72] BILKEY, CHRIS R., AU
[72] VERSI, EBRAHIM, US
[72] SLATTER, GREG J., US
[71] PHARMACIA CORPORATION, US
[85] 2004-05-05
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[54] **ARTIFICIAL GENES FOR USE AS CONTROLS IN GENE EXPRESSION ANALYSIS SYSTEMS**
[54] **GENES ARTIFICIELS UTILISES COMME TEMOINS DANS DES SYSTEMES D'ANALYSE DE L'EXPRESSION GENIQUE**
[72] YANG, WEN, US
[72] HARKINS, TIMOTHY, US
[72] BUI, SON, US
[72] HOUTS, THOMAS, US
[72] SAMARTZIDOU, HRISSI, US
[71] AMERSHAM BIOSCIENCES (SV) CORP., US
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[87] 2003-06-05 (WO2003/046126)
[30] US (60/335,115) 2001-10-24
[30] US (10/140,545) 2002-05-07
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[25] EN
[54] **HEMATOPOIETIC REGULATORY FACTORS AND METHODS OF USE THEREOF**
[54] **FACTEURS DE REGULATION HEMATOPOIETIQUE ET PROCEDES D'UTILISATION**
[72] GOLD, STEVEN, US
[72] SHIMKETS, RICHARD A., US
[72] LASKY, LAWRENCE, US
[72] TAILLON, BRUCE, US
[72] LEWIN, DAVID, US
[71] CURAGEN CORPORATION, US
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[51] **Int.Cl. 7C12M 1/34 7G01N 33/53**
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[54] **MICROFLUIDICS APPARATUS AND METHODS OF USE THEREFOR**
[54] **DISPOSITIF MICROFLUIDIQUE ET PROCEDES D'UTILISATION CONNEXES**
[72] PEETERS, JOHN P., US
[72] BOTTOMLEY, LAWRENCE A., US
[72] SEMINARA, SALVATORE, US
[72] HU, ZHIYU, US
[72] GHOSH, MADHUSHREE, US
[72] WIGGINS, THOMAS, US
[72] KOSSEK, SEBASTIAN, US
[72] SEELEY, TIMOTHY, US
[71] PROTIVERIS, INC., US
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[86] 2002-11-08 (PCT/US2002/035990)
[87] 2003-08-14 (WO2003/065976)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING PARKINSON'S DISEASE**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] FAWELL, STEPHEN, US
[72] CONNEELY, ORLA, US
[71] BIOGEN, INC., US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2004-04-27
[86] 2002-10-30 (PCT/US2002/034613)
[87] 2003-05-08 (WO2003/037260)
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[51] **Int.Cl. 7G06F 17/60**
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[54] **IMPROVED DEPT COLLECTION PRACTICES**
[54] **PRATIQUES AMELIOREES DE RECOUVREMENT DES CREANCES**
[72] FOURER, ROBERT, US
[72] ELLIOTT, MICHAEL B., US
[72] NOCEDAL, JORGE, US
[72] O'NEILL, PATRICK G., US
[71] ACCENTURE GLOBAL SERVICES GMBH, CH
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[86] 2002-11-05 (PCT/US2002/035452)
[87] 2003-06-12 (WO2003/048889)
[30] US (10/011,523) 2001-11-05

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[54] **COMBINATION THERAPY FOR TREATING DISEASE**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DE MALADIE**
[72] SCHULTES, BIRGIT C., US
[72] NICODEMUS, CHRISTOPHER F., US
[72] NOUJAIM, ANTOINE, CA
[71] ALTAREX MEDICAL CORP., CA
[85] 2004-04-23
[86] 2002-10-28 (PCT/IB2002/005794)
[87] 2003-05-01 (WO2003/034977)
[30] US (60/339,240) 2001-10-26

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[51] **Int.Cl. 7C12N 15/13 7A61P 35/00 7C07K 16/28 7A61K 31/337 7A61K 39/395 7A61K 31/519 7A61K 31/704**
[25] EN
[54] **AN ANTIBODY SELECTIVE FOR A TUMOR NECROSIS FACTOR-RELATED APOPTOSIS-INDUCING LIGAND RECEPTOR AND USES THEREOF**
[54] **ANTICORPS SELECTIF POUR UN RECEPTEUR DE LIGAND INDUISANT L'APOPTOSE CELLULAIRE EN LIAISON AVEC LE FACTEUR DE NECROSE TUMORALE ET UTILISATIONS DE CELUI-CI**
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[72] KIMBERLY, ROBERT P., US
[72] LOBUGLIO, ALBERT F., US
[72] KOOPMAN, WILLIAM J., US
[72] ZHOU, TONG, US
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[54] **AN ENZYME-BASED SYSTEM AND SENSOR FOR MEASURING ACETONE**
[54] **SYSTEME A BASE D'ENZYMES ET CAPTEUR SERVANT A DETECTER L'ACETONE**
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[72] SUBRAMANIAN, VENKITESWARAN, US
[72] ROSNER, BETTINA M., US
[72] SUN, LARRY, CA
[72] CRANLEY, PAUL E., US
[72] MILLER, THEODORE E., JR., US
[72] DANOWSKI, KRISTINE L., US
[72] ALLEN, JEFFREY R., US
[72] MCINTYRE, JAMES A., US
[71] DOW GLOBAL TECHNOLOGIES INC., US
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[54] **SYSTEME DE PRESENTATION DIRIGEE VERS DES ADAPTATEURS**
[72] WANG, XINWEI, US
[72] ZHONG, PINGYU, US
[72] WANG, CAILI, US
[71] ABMAXIS, INC., US
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[25] EN
[54] **PATHWAY OF RANTES-MEDIATED CHEMOKINE SYNTHESIS IN ASTROCYTES AND METHODS OF USE THEREFOR**
[54] **VOIES DE SYNTHESE DE CHIMIOKINES A MEDIATION PAR RANTES DANS LES ASTROCYTES ET PROCEDES DE LEUR UTILISATION**
[72] DORF, MARTIN E., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS OF USE**
[54] **POLYPEPTIDES THERAPEUTIQUES, ACIDES NUCLEIQUES LES CODANT ET PROCEDES D'UTILISATION CORRESPONDANT**
[72] CHAPOVAL, ANDREI, US
[72] CHAUDHURI, AMITABHA, US
[72] CHANT, JOHN S., US
[72] PENA, CAROL E.A., US
[72] EDINGER, SHLOMIT R., US
[72] EISEN, ANDREW, US
[72] STONE, DAVID J., US
[72] BOLDOG, FERENC L., US
[72] TWOMLOW, NANCY, US
[72] VOSS, EDWARD Z., US
[72] VERNET, CORINE A. M., US
[72] BURGESS, CATHERINE E., US
[72] PATTURAJAN, MEERA, US
[72] ALSOBROOK, JOHN P., II, US
[72] LI, LI, US
[72] SPADERNA, STEVEN K., US
[72] MEZES, PETER S., US
[72] GANGOLLI, ESHA A., US
[72] ANDERSON, DAVID W., US
[72] SPYTEK, KIMBERLY A., US
[72] ZHONG, MEI, US
[72] ZERHUSEN, BRYAN D., US
[72] RASTELLI, LUCA, US
[72] MILLET, ISABELLE, US
[72] GUO, XIAOJIA, US
[72] JI, WEIZHEN, US
[72] ORT, TATIANA, US
[72] OOI, CHEAN ENG, US
[72] KHRAMTSOV, NIKOLAI V., US
[72] LEITE, MARIO W., US
[72] QUINN SENGER, KERRY E., US
[72] PADIGARU, MURALIDHARA, US
[72] RIEGER, DANIEL K., US
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[54] **DEGP PROTEASE: CLEAVAGE SITE IDENTIFICATION AND PROTEOLYSIS OF A NATURAL TARGET IN E. COLI**
[54] **PROTEASE DEGP: IDENTIFICATION DE SITES DE CLIVAGE ET PROTEOLYSE D'UNE CIBLE NATURELLE DANS E. COLI**
[72] HRUBY, DENNIS E., US
[72] EVANS, AMY K., US
[72] JONES, C. HAL, US
[72] DEXTER, PAUL L., US
[71] SIGA TECHNOLOGIES, INC., US
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[25] EN
[54] **THREE-DIMENSIONAL STRUCTURES OF TALL-1 AND ITS COGNATE RECEPTORS AND MODIFIED PROTEINS AND METHODS RELATED THERETO**
[54] **STRUCTURES TRIDIMENSIONNELLES DE TALL-1 ET DE SES RECEPTEURS PARENTS, PROTEINES MODIFIEES ET PROCEDES ASSOCIES**
[72] ZHANG, GONGYI, US
[72] XU, LIANGGUO, US
[72] LIU, YINGFANG, US
[72] SHU, HONG-BING, US
[71] NATIONAL JEWISH MEDICAL AND RESEARCH CENTER, US
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[54] **SOURCE PRECURSEUR DE FORMATION DE FILAMENTS**
[72] VOLLRATH, FRITZ, GB
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[54] **NOVEL SULFURYLASE-LUCIFERASE FUSION PROTEINS AND THERMOSTABLE SULFURYLASE**
[54] **NOUVELLES PROTEINES DE FUSION SULFURYLASE-LUCIFERASE ET SULFURYLASE THERMOSTABLE**
[72] SRINIVASAN, MAITHREYAN, US
[72] REIFLER, MICHAEL, US
[71] 454 CORPORATION, US
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[54] **COMPOSITIONS AND METHODS FOR WT1 SPECIFIC IMMUNOTHERAPY**
[54] **COMPOSITIONS ET PROCEDES D'IMMUNOTHERAPIE SPECIFIQUE A WT1**
[72] MCNEILL, PATRICIA D., US
[72] GAIGER, ALEXANDER, US
[72] CARTER, DARRICK, US
[72] JAYA, NOMALIE, US
[71] CORIXA CORPORATION, US
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[54] **COMBINATIONS OF ANTIBODIES SELECTIVE FOR A TUMOR NECROSIS FACTOR-RELATED APOPTOSIS-INDUCING LIGAND RECEPTOR AND OTHER THERAPEUTIC AGENTS**
[54] **COMBINAISONS D'ANTICORPS SELECTIFS POUR RECEPTEUR DE LIGAND INDUISANT L'APOPTOSE LIEE AU FACTEUR DE NECROSE TUMORALE ET AUTRES AGENTS THERAPEUTIQUES**
[72] LOBUGLIO, ALBERT F., US
[72] BUCHSBAUM, DONALD J., US
[72] ICHIKAWA, KIMIHISA, JP
[72] OSHUMI, JUN, JP
[72] ZHOU, TONG, US
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[72] KOOPMAN, WILLIAM J., US
[71] UAB RESEARCH FOUNDATION, US
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[54] **METHOD FOR PRODUCING AND IDENTIFYING SOLUBLE PROTEIN DOMAINS**
[54] **PROCEDE DE PRODUCTION ET D'IDENTIFICATION DE DOMAINES PROTEIQUES SOLUBLES**
[72] DRISCOLL, PAUL, GB
[72] PRODROMOU, CHRISOSTOMOS, GB
[72] PEARL, LAURENCE, GB
[72] SAVVA, RENOS, GB
[72] MCALISTER, MARK, GB
[71] UNIVERSITY COLLEGE LONDON, GB
[71] THE INSTITUTE OF CANCER RESEARCH, GB
[71] BIRKBECK COLLEGE, GB
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[72] HOSHINO, MASATO, JP
[72] MARCHESINI, ALESSANDRO, FR
[72] SALVIN, ROGER PIERRE-ELIE, CH
[71] VANTICO AG, CH
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[54] **ELASTIC CURRENT COLLECTOR**
[54] **COLLECTEUR DE COURANT ELASTIQUE**
[72] OLDANI, DARIO, IT
[72] MANGHI, MANUELA, IT
[71] UHDENORA TECHNOLOGIES S.R.L., IT
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[72] ALLEN, RANDY LEIMAN, US
[72] WILLEY, JOHN JEFFREY, US
[71] HYBRIZYME CORPORATION, US
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[54] **GARNITURES EN MOUSSE MONOBLOC COMPORTANT DES ZONES PERIPHERIQUES AYANT DES PROPRIETES DE SUPPORT ET DE FERMETE VARIABLES**
[72] BARMAN, BRUCE G., US
[71] SEALY TECHNOLOGY LLC, US
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[54] **AMORPHOUS AND CRYSTALLINE FORMS OF LOSARTAN POTASSIUM AND PROCESS FOR THEIR PREPARATION**
[54] **FORMES CRISTALLINES AMORPHES DE LOSARTAN POTASSIQUE ET LEUR PROCEDE DE PREPARATION**
[72] NISNEVICH, GENNADY, IL
[72] KAFTANOV, JULIA, IL
[72] RUKHMAN, IGOR, IL
[72] DOLITZKY, BEN ZION, IL
[72] WEIZEL, SHLOMIT, IL
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[54] **ILLUMINATEUR A L'ETAT SOLIDE POUR JAUGES A DEUX COULEURS POUR LE NIVEAU DE L'EAU**
[72] KALIX, DAVID, CA
[72] SPENCER, JOHN, CA
[71] FOSSIL STEAM TECHNOLOGIES INC., CA
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[54] **CONVECTION AMELIOREE DE NOYAUX ABSORBANTS ASSURANT UNE TRANSMISSION THERMIQUE ACCRUE**
[72] MOLEE, KENNETH JOHN, US
[72] LITVAY, JOHN D., US
[72] JOHNSTON, LEE W., US
[71] PARAGON TRADE BRANDS, INC., US
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[54] **COATED ARTICLE WITH ANTI-REFLECTIVE LAYER(S) SYSTEM**
[54] **ARTICLE REVETU AVEC SYSTEME A UNE OU PLUSIEURS COUCHES ANTI-REFLECHISSANTES**
[72] STACHOWIAK, GRZEGORZ, US
[71] GUARDIAN INDUSTRIES CORP., US
[85] 2004-05-07
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[54] **METHOD AND DEVICE FOR FACILITATING COMBINED AEROSOL AND ORAL TREATMENTS FOR DIABETES MELLITUS**
[54] **PROCEDE ET DISPOSITIF POUR FACILITER LA COMBINAISON D'AEROSOL ET DE TRAITEMENTS ORAUX POUR LE DIABETE SUCRE**
[72] WEINSTEIN, ROBERT, E., US
[72] WEINSTEIN, ALLAN M., US
[71] WEINSTEIN, ROBERT, E., US
[71] WEINSTEIN, ALLAN M., US
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[25] FR
[54] **DERIVES DE 2-AMINO-4-HETEROARYLETHYL THIAZOLINE ET LEUR UTILISATION COMME INHIBITEURS DE NO-SYNTHASE INDUCTIBLE**
[54] **2-AMINO-4-HETEROARYLETHYL THIAZOLINE DERIVATIVES AND THEIR USE AN INHIBITORS OF INDUCIBLE NO-SYNTHASE**
[72] CARRY, JEAN-CHRISTOPHE, FR
[72] BACQUE, ERIC, FR
[72] MIGNANI, SERGE, FR
[72] BIGOT, ANTONY, FR
[71] AVENTIS PHARMA S.A., FR
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[54] **PROCEDE ET DISPOSITIF POUR REALISER UN CORDON PROFILE SUR UNE PIECE, ET VITRAGE MUNI D'UN CORDON PROFILE**
[54] **METHOD AND DEVICE FOR PRODUCING A PROFILED RIM ON A COMPONENT, AND GLAZING PROVIDED WITH A PROFILED RIM**
[72] CORNILS GERD, DE
[72] BISCHOF, THOMAS, DE
[72] ORTEN, THOMAS, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[25] FR
[54] **DERIVES DE 2-AMINO-THIAZOLINE ET LEUR UTILISATION COMME INHIBITEURS DE NO-SYNTHASE INDUCTIBLE**
[54] **2-AMINO-THIAZOLINE DERIVATIVES AND THEIR USE AS INHIBITORS OF INDUCIBLE NO-SYNTHASE**
[72] BIGOT, ANTONY, FR
[72] CARRY, JEAN-CHRISTOPHE, FR
[72] MIGNANI, SERGE, FR
[71] AVENTIS PHARMA S.A., FR
[85] 2004-05-04
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[54] **DERIVATIVES OF PHENOXY-N-'4-(ISOTHIAZOLIDIN-1,1-DIOXID-2YL)PHENY!-VALERIAN- ACID AMIDE AND OTHER COMPOUNDS AS INHIBITORS OF THE COAGULATION FACTOR XA IN THE TREATMENT OF THROMBOEMBOLIC DISEASES AND TUMORS**
[54] **DERIVES D'AMIDE D'ACIDE PHENOXY-N-'4-(ISOTHIAZOLIDINE-1,1-DIOXYDE-2-YL)-PHENYL-VALERIANIQUE ET AUTRE COMPOSES SERVANT D'INHIBITEURS DU FACTEUR DE COAGULATION XA POUR LE TRAITEMENTDE TROUBLES THROMBOEMBOLIQUES ET DE TUMEURS**
[72] DORSCH, DIETER, DE
[72] MEDERSKI, WERNER, DE
[72] CEZANNE, BERTRAM, DE
[72] TSAKLAKIDIS, CHRISTOS, DE
[72] GLEITZ, JOHANNES, DE
[72] BARNES, CHRISTOPHER, DE
[71] MERCK PATENT GMBH, DE
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[54] **USE OF ENDOTHELIN RECEPTOR ANTAGONISTS IN THE TREATMENT OF TUMOUR DISEASES**
[54] **UTILISATION D'ANTAGONISTES DU RECEPTEUR DE L'ENDOTHELINE DANS LE TRAITEMENT DE MALADIES TUMORALES**
[72] MEDERSKI, WERNER, DE
[72] DORSCH, DIETER, DE
[72] AMENDT, CHRISTIANE, DE
[72] OSSWALD, MATHIAS, DE
[72] GRELL, MATTHIAS, DE
[71] MERCK PATENT GMBH, DE
[85] 2004-05-07
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[72] SUPLIE, PASCAL, FR
[72] NOURI, NOURREDINE, FR
[71] ETHYPHARM, FR
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[54] **METHOD AND APPARATUS FOR HOMOGENISATION OF MELT**
[54] **PROCEDE D'HOMOGENEISATION DE MATIERE FONDUE ET APPAREIL PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE**
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[71] BH-F (ENGINEERING) LTD., GB
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[54] **METHOD FOR INDUCTION SEALING A PLASTIC PART TO A COMPOSITE CONTAINER**
[54] **PROCEDE DE THERMOSCELLAGE PAR INDUCTION D'UNE PARTIE EN PLASTIQUE SUR UN CONTENEUR COMPOSITE**
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[72] BOATWRIGHT, FLOYD, US
[72] LOWRY, JAMES, US
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[54] **LAMPE A DECHARGE A HAUTE INTENSITE A ENVELOPPE EN SAPHIR MONOCRISTALLIN**
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[54] **PROCEDE ET APPAREIL D'ENREGISTREMENT RMN ORIENTE OBJECTIF**
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[72] EDWARDS, CARL M., US
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[54] **METHODS, SYSTEMS, AND ARTICLES OF MANUFACTURE FOR PROVIDING PRODUCT AVAILABILITY INFORMATION**
[54] **PROCEDES, SYSTEMES ET ARTICLES FABRIQUES SERVANT A FOURNIR DES DONNEES DE DISPONIBILITE DE PRODUIT**
[72] BRICE, TONY J., US
[72] WALKER, ALAN, US
[72] SMITH, BARRY C., US
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[54] **SYSTEME ET PROCEDE PERMETTANT DE CREER, TRANSMETTRE ET ACCEPTER PAR VOIE ELECTRONIQUE DES DEMANDES D'ADHESION A UNE GARANTIE D'ASSURANCE**
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[71] REAL CONSULTING LLC, US
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[54] **SYSTEME DE LAVAGE AMELIORE**
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[72] MODY, KRIPA DEVAGNA, IN
[72] ROBERTS, GLYN, IN
[72] BARGAJE, VIJAYA MILIND, IN
[72] BIRKER, PAUL JOHAN MARIE WILLEM LOUIS, NL
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[54] **MAGNETOMETRE A REGLAGE DE POLARISATION DYNAMIQUE ET COMPAS ELECTRONIQUE POUR VEHICULE INCORPORANT LEDIT MAGNETOMETRE**
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[72] BECHTEL, JON H., US
[71] GENTEX CORPORATION, US
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[54] **BALLAST ELECTRONIQUE POUR LAMPES A DECHARGE A INTENSITE ELEVEE**
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[54] **METHOD AND APPARATUS FOR PHASE-SHIFTING AN OPTICAL BEAM IN A SEMICONDUCTOR SUBSTRATE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DECALER LA PHASE D'UN FAISCEAU OPTIQUE DANS UN SUBSTRAT SEMI-CONDUCTEUR**
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[71] INTEL CORPORATION, US
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[54] **COMPOSITIONS PHARMACEUTIQUES POUR L'ADMINISTRATION ORALE D'HEPARINE OU DE DERIVES DE CELLE-CI**
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[72] VILLA, ROBERTO, IT
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[54] **ALIMENTATION HAUTE TENSION BI-MODE PERMETTANT UNE VITESSE DE PROGRAMMATION ACCRUE PENDANT LE TEST DES MEMOIRES REMANENTES BASSE TENSION**
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[71] ATMEL CORPORATION, US
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[54] **SYSTEME POUR MARQUEUR D'EXCITATION MINIATURE SANS BROCHE**
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[71] CALYPSO MEDICAL TECHNOLOGIES, INC., US
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[54] **OLEFIN POLYMERIZATION CATALYSTS CONTAINING 1,3-DIBORETANYL LIGANDS**
[54] **CATALYSEURS DE POLYMERISATION D'OLEFINES CONTENANT DES LIGANDS DE 1,3-DIBORETANYLE**
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[54] **USE OF 2-AMINO-4-PYRIDYLMETHYL-THIAZOLINE DERIVATIVES AS INHIBITORS OF INDUCIBLE NO-SYNTHASE**
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[72] BIGOT, ANTONY, FR
[72] TABART, MICHEL, FR
[72] RONAN, BAPTISTE, FR
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[54] **PROCEDE, COMPOSITION ET REVETEMENT DE MATERIAU STRATIFIE**
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[72] BALTHES, GARRY E., US
[71] FLEXFORM TECHNOLOGIES, LLC, US
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[54] **METHOD FOR MAKING A SEMICONDUCTOR PHOTODETECTOR, IN PARTICULAR IN THE LOW-ENERGY UV-X DOMAIN, AND PHOTODETECTOR OBTAINED BY SAID METHOD**
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[54] **LOTION POUR LA PEAU CONTENANT UNE DISPERSION AQUEUSE DE PARTICULES ULTRA-FINES DE METAL NOBLE**
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[72] TAKASE, HIROAKI, JP
[72] UEDA, YOSHIO, JP
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[54] **FORMULATIONS AQUEUSES DE PROTEINES A LIBERATION PROLONGEE**
[72] CHEUNG, WING K., US
[72] JIN, RENZHE, US
[72] RUDOLPH, SUNITHA, US
[72] BEGUM, SELIMA, US
[72] KELLEY, MARIAN, US
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[54] **AUTOMATICALLY-ACTIVATED HAND-SUPPORTABLE MULTI-MODE LASER SCANNING BAR CODE SYMBOL READING SYSTEM**
[54] **SYSTEME MANUEL DE LECTURE DE SYMBOLES DE CODE A BARRES PAR BALAYAGE LASER MULTIMODE ACTIVE AUTOMATIQUEMENT**
[72] DIPLACIDO, KEVIN, US
[72] KNOWLES, HARRY C., US
[72] KOLIS, GEORGE, US
[72] RUSSELL, GARRETT K., US
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[72] COLAVITO, STEPHEN J., US
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[72] OLARTE, ALVARO MAURICIO, US
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[54] **DEVICE AND METHOD FOR SELECTING AND EXTRACTING A CAPSULE TO PREPARE A BEVERAGE**
[54] **DISPOSITIF ET METHODE POUR LA SELECTION ET L'EXTRACTION D'UNE CAPSULE POUR LA PREPARATION D'UNE BOISSON**
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[72] ZURCHER, ALAIN, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[71] INTERACTIVE CONTENT ENGINES, LLC, US
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[72] DILLER, DOV, IL
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[54] **SOUDAGE A L'ARC AMELIORE FAISANT INTERVENIR UNE ELECTRODE FUSIBLE**
[72] FANNING, MICHAEL PETER, AU
[72] LATHABAI, SRINIVASARAO, AU
[72] GORDON, THOMAS WILLIAM, AU
[72] BEDNARZ, BERNARD, AU
[72] NELLER, MARK KEVIN, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] CRC FOR WELDED STRUCTURES LIMITED, AU
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[72] VINCENT, MARK, CA
[71] YM BIOSCIENCES, INC., CA
[71] THE UNIVERSITY OF MANITOBA, CA
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[54] **PROCEDE DE PRODUCTION DE PARTICULES**
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[72] GRAY, NEALE, GB
[71] ADVANCED PHYTONICS LIMITED, GB
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[25] EN
[54] **A METHOD FOR TREATING INFLAMMATORY BOWEL DISEASE**
[54] **METHODE DE TRAITEMENT D'UNE MALADIE INTESTINALE INFLAMMATOIRE**
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[71] CHAROUS, LAUREN, US
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[54] **METHODE DE DETERMINATION EN CONTINU ET DE FACON NON INVASIVE DES CARACTERISTIQUES PHYSIOLOGIQUES**
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[54] **SYSTEME ET PROCEDE PERMETTANT D'AMELIORER LE SUPPORT AUX TECHNOLOGIES DE L'INFORMATION PAR LA COLLECTE, L'EVALUATION ET L'ENREGISTREMENT D'INFORMATIONS RELATIVES AUX CONFIGURATIONS, RELATIVES AUX EVENEMENTS ET DE TYPE METRIQUE**
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[54] **METHODS OF REVERSING AND PREVENTING CARDIOVASCULAR PATHOLOGIES**
[54] **METHODE PERMETTANT D'INVERSER LE PROCESSUS DE MALADIES CARDIO-VASCULAIRES ET DE PREVENIR CES DERNIERES**
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[72] BISEGNA, PAOLO, IT
[72] DIBENEDETTO, EMMANUELE, US
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[71] VERT TECH LLC, US
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[54] **SYSTEME ET PROCEDES PERMETTANT LA MISE EN OEUVRE DE PROGRAMMES DE TRANSMISSION DE COURRIER ELECTRONIQUE MULTINIVEAUX**
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[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE SUPPORTS A DIVERS DISPOSITIFS CLIENTS EN FONCTION DE LEURS CAPACITES**
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[72] EASWAR, VENKAT, US
[72] MIETZ EGLI, PAUL, US
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[54] **APPAREIL MECANIQUE ET METHODE POUR DILATER ET ADMINISTRER UN AGENT THERAPEUTIQUE A UN SITE DE TRAITEMENT**
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[72] SCOTT, NEAL, US
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[54] **SYSTEME DE CREATION DE BASE DE DONNEES ET INFORMATIONS STRUCTUREES PROVENANT D'UNE ENTREE VOCALE**
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[72] MATHE, JOHN G., US
[72] STEFANCHIK, MICHAEL F., US
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[54] **CREME ANTIRIDES**
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[71] GALACTOGEN PRODUCTS LIMITED, CA
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[54] **PROCEDE PERMETTANT DE SUPPRIMER LES ACETALS CONTENANT DE L'ALDEHYDE FORMIQUE D'ALCOOLS POLYVALENTS PAR RECUISSON**
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[72] MELDER, JOHANN-PETER, DE
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[54] **COEUR DE CROISEMENT FERROVIAIRE D'UN AIGUILLAGE DE VOIE, EQUIPE D'UN MECANISME DE RETENUE EN FIN DE COURSE**
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[54] **NUCLEOSIDES, LEUR PREPARATION, ET LEUR UTILISATION COMME INHIBITEURS DE POLYEMRASES VIRALES D'ARN**
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[72] BABU, YARLAGADDA S., US
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[71] UNISEARCH LIMITED, AU
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[54] **PROCEDE ET DISPOSITIF DE STERILISATION A L'OZONE**
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[72] FOURNIER, STEPHANE, CA
[72] TURCOT, RICHARD, CA
[72] ROBITAILLE, SIMON, CA
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[54] **CONVERSION DE CYCLOPENTADIENYL-SILYLAMINES EN COMPLEXES ORGANOMETALLIQUES COMPRENANT UN FRAGMENT BISALCOXY DE TITANE OU UN FRAGMENT DICHLORURE DE TITANE**
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[54] **PROCEDE DE PREPARATION DE CATALYSEUR DE CONVERSION DE MONOXYDE DE CARBONE**
[72] TESHIGAWARA, SATOSHI, JP
[72] MATSUHISA, TOSHIO, JP
[72] ITAMI, HIROHIKO, JP
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[72] LINDER, RICHARD J., US
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[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[72] SMITH, KENNETH, US
[72] OQAWA, MAKOTO, JP
[71] SUN CHEMICAL CORPORATION, US
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[72] SMEE, JOHN, US
[72] JAYARAMAN, SRIKANT, US
[71] QUALCOMM INCORPORATED, US
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[71] BE ABLE, LLC, US
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[71] TS TECH CO., LTD., JP
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[72] BESEMER, ARIE CORNELIS, NL
[72] TIMMERMAN, EVERT JAN GERRIT, NL
[72] BOUMANS, JOHANNES WILHELMUS LEONARDUS, NL
[72] VAN DEN DOOL, RONALD TAKO MARINUS, NL
[72] JETTEN, JAN MATTHIJS, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK, TNO, NL
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[54] **RHODIUM ELECTROCATALYST AND METHOD OF PREPARATION**
[54] **ELECTROCATALYSEUR DE RHODIUM AMELIORE ET SON PROCEDE DE PREPARATION**
[72] TSOU, YU-MIN, US
[72] MARTELLI, GIAN NICOLA, IT
[72] ALLEN, ROBERT J., US
[72] DENG, HUA, US
[72] DE CASTRO, EMORY S., US
[71] DE NORA ELETTRODI S.P.A., IT
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[54] **RECLOSABLE POURING ELEMENT**
[54] **ELEMENT VERSEUR REFERMABLE**
[72] ERD, HANS-THOMAS, DE
[72] MAAS, WIM, NL
[71] SIG ALLCAP AG, CH
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[54] **METHOD FOR REUSING CURRENT COLLECTORS/ DISTRIBUTORS OF SOLID POLYMER ELECTROLYTE FUEL CELL STACKS**
[54] **PROCEDE PERMETTANT DE REUTILISER DES COLLECTEURS/ DISTRIBUTEURS DE COURANT D'UN GENERATEUR ELECTROCHIMIQUE A MEMBRANE**
[72] RAMUNNI, ENRICO, IT
[72] FLEBA, GIAN PIERO, IT
[72] MERLO, LUCA, IT
[72] BRIGNOLI, GIAMPAOLO, IT
[72] BRAMBILLA, MASSIMO, IT
[72] MAZZUCCHELLI, GABRIELE, IT
[72] MONZANI, PAOLO, IT
[71] NUVERA FUEL CELLS EUROPE S.R.L., IT
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[54] **SLURRY HYDROCARBON SYNTHESIS WITH ISOMERIZATION ZONE IN EXTERNAL LIFT REACTOR LOOP**
[54] **SYNTHESE D'HYDROCARBURES EN SUSPENSION A ZONE D'ISOMERISATION DANS UNE BOUCLE DE REACTEUR A SUSTENTATION EXTERNE**
[72] WITTENBRINK, ROBERT JAY, US
[72] MART, JOHN CHARLES, US
[72] FEELEY, JENNIFER SCHAEFER, US
[72] CLARK, JANET RENEE, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **SHAVING COMPOSITION**
[54] **COMPOSITION DE RASAGE**
[72] GOLDBERG, JESSICA WEISS, US
[72] MASSARO, MICHAEL, US
[72] BHATT, DARSHNA, US
[71] UNILEVER PLC, GB
[85] 2004-05-06
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|54| **PLASMA ARC TORCH QUICK DISCONNECT**
|54| **RACCORD A DEMONTAGE RAPIDE POUR CHALUMEAU A ARC DE PLASMA**
|72| CONWAY, CHRISTOPHER J., US
|72| ROGERS, FRED, US
|72| JONES, JOSEPH P., US
|72| MACKENZIE, DARRIN H., US
|72| ADAMS, STEWART T., US
|72| DEMERS, DOUGLASS A., US
|71| THERMAL DYNAMICS CORPORATION, US
|85| 2004-05-06
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|54| **METHODS AND COMPOSITIONS FOR USE OF (S)-BISOPROLOL**
|54| **PROCEDES ET COMPOSITIONS D'UTILISATION DE (S)-BISOPROLOL**
|72| KELLY, JOHN, IE
|72| DEVANE, JOHN, IE
|71| ATHPHARMA, IE
|85| 2004-05-07
|86| 2002-11-15 (PCT/IB2002/005202)
|87| 2003-05-22 (WO2003/041696)
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|51| **Int.Cl. 7A61N 1/18**
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|54| **SELF-PROPELLED, INTRALUMINAL DEVICE WITH HOLLOW, CYLINDRICAL HEAD AND METHOD OF USE**
|54| **DISPOSITIF INTRALUMINAL AUTOPROPULSE A TETE CREUSE, CYLINDRIQUE ET PROCEDE D'UTILISATION ASSOCIE**
|72| STEFANCHIK, DAVID, US
|72| LONG, GARY L., GB
|72| BALLY, KURT R., US
|71| ETHICON ENDO-SURGERY, INC., US
|85| 2004-05-07
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|54| **PHOTODYNAMIC THERAPY FOR THE TREATMENT OF HAIR LOSS**
|54| **THERAPIE PHOTODYNAMIQUE DESTINEE A TRAITER LA CHUTE DES CHEVEUX**
|72| NORTH, JOHN ROBERT, CA
|72| LUTWYCHE, PETER, CA
|72| RICHTER, ANNA M., CA
|72| SIMKIN, GUILLERMO O., CA
|72| BOCH, RONALD ERWIN, CA
|72| HUNT, DAVID W. C., CA
|71| QLT INC., CA
|85| 2004-05-07
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|87| 2003-05-15 (WO2003/039596)
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|54| **ADJUSTABLE CARDIAC RESYNCHRONIZATION**
|54| **RESYNCHRONISATION CARDIAQUE REGLABLE**
|72| VANHOUT, WARREN L., US
|71| MEDTRONIC, INC., US
|85| 2004-05-07
|86| 2002-10-01 (PCT/US2002/031347)
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|25| EN
|54| **INTRALUMINAL DEVICE WITH A COATING CONTAINING A THERAPEUTIC AGENT**
|54| **DISPOSITIF INTRALUMINAL AVEC REVETEMENT CONTENANT UNE SUBSTANCE THERAPEUTIQUE**
|72| DE SCHEERDER, IVAN, BE
|72| DHONDT, MARIA, BE
|72| HOOLANTS, INGRID, FR
|72| ALLEN-PETIT, SYLVIE, LU
|71| ATRIUM MEDICAL CORPORATION, US
|85| 2004-05-07
|86| 2002-11-08 (PCT/BE2002/000166)
|87| 2003-05-15 (WO2003/039612)
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|54| **EXERCISE APPARATUS**
|54| **APPAREIL POUR EXERCICE PHYSIQUE**
|72| KEISER, DENNIS L., US
|71| KEISER CORPORATION, US
|85| 2004-05-07
|86| 2002-11-13 (PCT/US2002/036383)
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[25] EN
[54] **COMPOSITIONS COMPRISING A PHOTOSENSITIZER AND A SKIN-PENETRATION ENHANCER AND THEIR USE IN PHOTODYNAMIC TREATMENT**
[54] **COMPOSITIONS RENFERMANT UN PHOTOSENSIBILISATEUR ET UN AMPLIFICATEUR DE PENETRATION CUTANEE ET LEUR UTILISATION DANS LE TRAITEMENT PHOTODYNAMIQUE**
[72] NORTH, JOHN ROBERT, CA
[72] BOCH, RONALD ERWIN, CA
[72] LUTWYCHE, PETER, CA
[72] MONK, WENDY, CA
[71] QLT INC., CA
[85] 2004-05-07
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[25] EN
[54] **METHOD OF PREPARING A POTATO BASED FOOD PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT ALIMENTAIRE A BASE DE POMMES DE TERRE**
[72] HOWARD, JOHN G., GB
[71] MCCAIN FOODS (GB) LIMITED, GB
[85] 2004-05-06
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[54] **CANNABINOID RECEPTOR LIGANDS**
[54] **LIGANDS DU RECEPTEUR DES CANNABINOIDES**
[72] WONG, MICHAEL K. C., US
[72] SHIH, NENG-YANG, US
[72] TONG, LING, US
[72] LAVEY, BRIAN J., US
[72] ZHOU, GUOWEI., US
[72] FRIARY, RICHARD J., US
[72] SHANKAR, BANDARPALLE B., US
[72] CHEN, LEI, US
[72] SHU, YOUHENG, US
[72] KOZLOWSKI, JOSEPH A., US
[71] SCHERING CORPORATION, US
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[54] **IN SITU CATALYST REGENERATION/ACTIVATION PROCESS**
[54] **PROCEDE DE REGENERATION/ D'ACTIVATION DE CATALYSEUR IN SITU**
[72] SOLED, STUART LEON, US
[72] BAUMGARTNER, JOSEPH ERNEST, US
[72] KISS, GABOR, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2004-05-07
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[87] 2003-05-22 (WO2003/041860)
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[25] EN
[54] **METHOD OF CONSTRUCTING A LARGE, THREE-DIMENSIONAL, LAMINAR BODY**
[54] **PROCEDE DE FABRICATION D'UN CORPS LAMELLAIRE TRIDIMENSIONNEL DE GRANDE DIMENSION**
[72] FRADERA PELLICER, CARLOS, AD
[71] FRADERA PELLICER, CARLOS, AD
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[54] **DISPENSER FOR DISPENSING A FLUID, HOUSING FOR SUCH A DISPENSER, STORAGE HOLDER DESTINED FOR PLACEMENT THEREIN AND ARRANGEMENT FOR THE DOSED PUMPING OF A FLUID FROM A FLUID RESERVOIR**
[54] **DISTRIBUTEUR DE LIQUIDES, BOITIER DU DISTRIBUTEUR, SUPPORT DE STOCKAGE DESTINE A ETRE PLACE DANS LE DISTRIBUTEUR, ET ARRANGEMENT POUR LE POMPAGE REGULE D'UN LIQUIDE D'UN RESERVOIRPOUR LIQUIDES**
[72] GANZEBOOM, WILHELMUS EVERHARDUS, NL
[71] BENTFIELD EUROPE B.V., NL
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[54] **ASSEMBLY**
[54] **SYSTEME**
[72] BRAITHWAITE, PHILIP, GB
[71] INNOVATA BIOMED LIMITED, GB
[85] 2004-05-06
[86] 2002-11-22 (PCT/GB2002/005272)
[87] 2003-06-05 (WO2003/045483)
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[54] **DIRECT MAILING DEVICE**
[54] **DISPOSITIF DE PUBLIPOSTAGE DIRECT**
[72] BECKER, THOMAS, US
[71] BECKER, THOMAS, US
[85] 2004-05-06
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[54] **SUTURE ANCHOR**
[54] **ANCRAGE DE SUTURE**
[72] FALLIN, WADE T., US
[72] GERBEC, DANIEL E., US
[72] BAKER, GORDON, US
[71] STRYKER ENDOSCOPY, US
[85] 2004-05-07
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[25] EN
[54] **A2B ADENOSINE RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DE RECEPTEUR D'ADENOSINE A2B**
[72] PERRY, THAO, US
[72] ELZEIN, ELFATIH, US
[72] VARKHEDKAR, VAIBHAV, US
[72] LI, XIAOFEN, US
[72] ZABLOCKI, JEFF, US
[72] KALLA, RAO, US
[72] PALLE, VENKATA, IN
[72] IBRAHIM, PRABHA, US
[72] XIAO, DENGMING, US
[71] CV THERAPEUTICS, INC., US
[85] 2004-05-07
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[87] 2003-05-22 (WO2003/042214)
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[54] **SUBTHRESHOLD STIMULATION OF A COCHLEA**
[54] **STIMULATION INFRALIMITAIRE D'UNE COCHLEE**
[72] MILOJEVIC, DUSAN, AU
[72] PARKER, JOHN, AU
[71] COCHLEAR LIMITED, AU
[85] 2004-05-07
[86] 2002-11-11 (PCT/AU2002/001537)
[87] 2003-05-15 (WO2003/039660)
[30] AU (PR 8792) 2001-11-09

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[54] **FILTERING FACE MASK THAT USES AN EXHALATION VALVE THAT HAS A MULTILAYERED FLEXIBLE FLAP**
[54] **MASQUE FACIAL FILTRANT EQUIPE D'UN CLAPET D'EXPIRATION POURVU D'UN VOLET SOUPLE MULTICOUCHE**
[72] MARTIN, PHILIP G., US
[72] XUE, JIANXIAN, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-05-07
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[25] EN
[54] **FILE SPLITTING SCALADE CODING AND ASYNCHRONOUS TRANSMISSION IN STREAMED DATA TRANSFER**
[54] **DECOUPAGE DE FICHIERS, CODAGE ECHELONNABLE, ET TRANSMISSION ASYNCHRONE DANS UN TRANSFERT CONTINU DE DONNEES**
[72] DUNNING, TED E., US
[72] DORON, AMIR, US
[72] GRUHNE, MATTHIAS, US
[71] MUSICMATCH, INC., US
[85] 2004-05-07
[86] 2002-11-09 (PCT/US2002/035903)
[87] 2003-05-22 (WO2003/042783)
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[25] EN
[54] **OXYGEN ION CONDUCTING CERAMIC MATERIAL AND USE THEREOF**
[54] **MATERIAU CERAMIQUE CONDUCTEUR D'IONS OXYGENE ET SON APPLICATION**
[72] TAGUCHI, HISATOMI, JP
[72] NAGAYA, SHIGEO, JP
[72] SUZUKI, TAKEHIRO, JP
[72] FUKAYA, ATSUSHI, JP
[72] WATANABE, SYOZO, JP
[72] KOMURA, KIYOSHI, JP
[71] CHUBU ELECTRIC POWER CO., INC., JP
[71] NORITAKE CO., LIMITED, JP
[85] 2004-05-07
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[54] **COKE DRUM DISCHARGE SYSTEM**
[54] **SYSTEME DE DECHARGEMENT POUR TAMBOUR A COKE**
[72] MALSBURY, ALLEN S., US
[71] FOSTER WHEELER USA CORPORATION, US
[85] 2004-05-07
[86] 2002-11-06 (PCT/US2002/033621)
[87] 2003-05-22 (WO2003/042330)
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[25] EN
[54] **SEAT BACK SUSPENSION ARRANGEMENT**
[54] **SYSTEME DE SUSPENSION DE DOSSIER DE SIEGE**
[72] EGGERMONT, FILIP ALIDA, BE
[72] DECEUNINCK, STEFAAN, BE
[72] VANTHOURNOUT, OLIVIER FREDDY, BE
[71] L & P SWISS HOLDING COMPANY, CH
[85] 2004-05-07
[86] 2002-11-28 (PCT/EP2002/013452)
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[30] GB (0128417.3) 2001-11-28
[30] GB (0227534.5) 2002-11-26

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[54] **AUGMENTATION OF ORGAN FUNCTION**
[54] **AUGMENTATION DE LA FONCTION D'UN ORGANE**
[72] ATALA, ANTHONY, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2004-05-07
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[87] 2003-05-30 (WO2003/043674)
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[51] **Int.Cl. 7C03C 17/34 7C23C 14/06 7C23C 16/26**
[25] EN
[54] **HYDROPHILIC DLC ON SUBSTRATE WITH UV EXPOSURE**
[54] **DEPOT CDA HYDROPHILE SUR UN SUBSTRAT EXPOSE AUX UV**
[72] VEERASAMY, VIJAYEN S., US
[71] GUARDIAN INDUSTRIES CORP., US
[85] 2004-05-07
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[30] US (09/987,692) 2001-11-15

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[51] **Int.Cl. 7C07C 67/03 7C11C 3/00 7C10L 1/02 7C11C 3/10**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO A METHOD FOR TRANSESTERIFYING VEGETABLE OILS**
[54] **AMELIORATIONS APPORTEES OU ASSOCIEES A UN PROCEDE DE TRANSESTERIFICATION D'HUILES VEGETALES**
[72] SZABO, GYULA, HU
[72] HAAS, LORANT, HU
[72] COCZI, ISTVAN, HU
[72] JAMBORNE ULBRECHT, MARIA, HU
[72] KOVACS, ANDRAS, HU
[71] SZABO, GYULA, HU
[71] HAAS, LORANT, HU
[71] COCZI, ISTVAN, HU
[71] JAMBORNE ULBRECHT, MARIA, HU
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[54] **INHIBITEURS DE LA 11-BETA-HYDROXYSTEROIDE DESHYDROGENASE DE TYPE 1**
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[72] NILSSON, MARIANNE, SE
[72] ZHANG, LIAN, SE
[72] BARF, TJEERD, SE
[72] KURZ, GUIDO, SE
[72] EMOND, RIKARD, SE
[71] BIOVITRUM AB, SE
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[54] **INHIBITORS OF 11-BETA-HYDROXY STEROID DEHYDROGENASE TYPE 1**
[54] **INHIBITEURS DE LA 11-BETA-HYDROXYSTEROIDE DESHYDROGENASE DE TYPE 1**
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[72] KURZ, GUIDO, SE
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[72] NILSSON, MARIANNE, SE
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[54] **POLYMERIZATION MONITORING AND CONTROL USING LEADING INDICATORS**
[54] **SURVEILLANCE ET COMMANDE DE POLYMERISATION A L'AIDE D'INDICATEURS AVANCES**
[72] SCHURZKY, KENNETH G., US
[72] SANTANA, ROBERT L., US
[72] EHRMAN, FRED D., US
[72] SHIRODKAR, PRADEEP P., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
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[54] **ELECTROCHEMICAL CELL WITH GAS DIFFUSION ELECTRODES**
[54] **CELLULE ELECTROLYTIQUE AVEC ELECTRODE DE DIFFUSION DU GAZ**
[72] FEDERICO, FULVIO, IT
[72] FAITA, GIUSEPPE, IT
[71] UHDENORA TECHNOLOGIES S.R.L., IT
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[54] **UTILISATION D'UN MELANGE D'HYALURONATE DE SODIUM ET DE SULFATE DE CHONDROITINE POUR LE TRAITEMENT DE L'OSTEOARTHRITE**
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[71] ALCON, INC., CH
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[54] **REAL-TIME METHOD FOR THE DETECTION AND CHARACTERIZATION OF SCALE**
[54] **PROCEDE TEMPS REEL DESTINE A LA DETECTION ET A LA CARACTERISATION DE DEPOT DE TARTRE**
[72] SEGERAL, GERARD, FR
[72] TOSKEY, ERIC, RU
[72] POYET, JEAN-PIERRE, FR
[71] SCHLUMBERGER CANADA LIMITED, CA
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[25] EN
[54] **MICROWAVE PRE-TREATMENT OF LOGS FOR USE IN MAKING PAPER AND OTHER WOOD PRODUCTS**
[54] **PRE-TRAITEMENT AUX MICRO-ONDES DE RONDINS UTILISES DANS LA FABRICATION DU PAPIER ET D'AUTRES PRODUITS EN BOIS**
[72] KLUNGNESS, JOHN H., US
[72] LENTZ, MICHAEL J., US
[72] HORN, ERIC G., US
[72] SCOTT, C. TIM, US
[72] AKHTAR, MASOOD, US
[71] BIOPULPING INTERNATIONAL, INC., US
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[54] **METHOD AND PHARMACEUTICAL PREPARATIONS FOR REDUCING THE ACTIVITY OF CELLS**
[54] **METHODE ET PREPARATIONS PHARMACEUTIQUES VISANT A REDUIRE L'ACTIVITE CELLULAIRE**
[72] SHARONI, YOAV, IL
[72] LEVY, JOSEPH, IL
[71] LYCORED NATURAL PRODUCTS INDUSTRIES LTD., IL
[85] 2004-05-06
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[54] **SYSTEM FOR STORING AND/OR TRANSFORMING ENERGY FROM SOURCES AT VARIABLE VOLTAGE AND FREQUENCY**
[54] **SYSTEME DE STOCKAGE ET/OU DE TRANSFORMATION D'ENERGIE PROVENANT DE SOURCES DE TENSION ET DE FREQUENCE VARIABLES**
[72] SPAZIANTE, PLACIDO MARIA, TH
[72] ZOCCHI, ANDREA, IT
[72] KAMPANATSANYAKORN, KRISADA, TH
[71] SQUIRREL HOLDINGS LTD., GB
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[54] **METHOD OF FILLING A WELL IN A SUBSTRATE**
[54] **PROCEDE DE REMPLISSAGE D'UN PUITS DANS UN SUBSTRAT**
[72] MOERMAN, ROBERT, NL
[71] TECHNISCHE UNIVERSITEIT DELFT, NL
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[54] **PIECE D'HORLOGERIE AVEC BRACELET MOULE INTEGRE**
[72] WILSON, SCOTT HAROLD, US
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[54] **METHODE DE TRAITEMENT DE MALADIES AUTO-IMMUNES**
[72] RYBACK, RALPH, US
[71] RYBACK, RALPH, US
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[54] **POMPE PERMETTANT DE DISTRIBUER UN MATERIAU FLUIDE**
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[72] BREWER, PETER, RUSSELL, AU
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[54] **SOLID, STABILIZED, PROMPT-AND/OR MODIFIED-RELEASE THERAPEUTICAL SYSTEMS FOR THE ORAL ADMINISTRATION OF LIQUID ACTIVE PRINCIPLES, EXCIPIENTS OR FOODSTUFFS**
[54] **SYSTEMES THERAPEUTIQUES SOLIDES STABILISES A LIBERATION RAPIDE ET/OU MODIFIEE SERVANT A L'ADMINISTRATION PAR VOIE ORALE DE PRINCIPES ACTIFS, D'EXCIPIENTS OU DE PRODUITS ALIMENTAIRES LIQUIDES**
[72] MASSIRONI, MARIA GABRIELLA, GB
[71] FARMATRON LTD., GB
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[54] **APPAREIL DE TRAITEMENT DES DECHETS**
[72] BUTLER, MARK HENRY, AU
[71] MEDIVAC TECHNOLOGY PTY LIMITED, AU
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[25] EN
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[54] **ECHANGEUR DE CHALEUR, DISPOSITIF COMPRENANT UN ECHANGEUR DE CHALEUR ET PROCEDE DE FABRICATION DE CET ECHANGEUR DE CHALEUR**
[72] SPENDER-ANDERSEN, NIELS, DK
[72] JORGENSEN, LARS SKYTTE, DK
[72] NIELSEN, BODIL IRENE MOSEKAER, DK
[71] AALBORG INDUSTRIES A/S, DK
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[54] **POMPE A VIDE**
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[72] BREZINA, JURGEN, DE
[72] BOY, HERMANN, DE
[71] LEYBOLD VAKUUM GMBH, DE
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[54] **PROCEDE ET APPAREIL DE FORMATION DE MOUSSE**
[72] ROKMAN, KAY, FI
[72] LAINE, EINO, FI
[72] KOSTAMO, HARRI, FI
[72] BLOMQVIST, RAINER, FI
[71] AHLSTROM GLASSFIBRE OY, FI
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[54] **ORODISPERSIBLE TABLETS CONTAINING FEXOFENADINE**
[54] **COMPRIMES ORODISPERSIBLES CONTENANT DU FEXOFENADINE**
[72] MARECHAL, DOMINIQUE, CA
[72] FAHAM, AMINA, CA
[72] CHENEVIER, PHILIPPE, CA
[71] ETHYPHARM, FR
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[54] **WELL SCR[illegible]N ASSEMBLY**
[54] **ENSEMBLE FILTRE DE PUITS**
[72] SETTERBERG, JOHN RICHARD JR., US
[71] WEATHERFORD/LAMB, INC., US
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[54] **TRANSITION MOLDING**
[54] **MOULAGE DE TRANSITION**
[72] STANCHFIELD, OLIVER, US
[71] PERGO (EUROPE) AB, SE
[85] 2004-05-07
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[54] **PROCEDE ET APPAREIL D'EMBALLAGE D'OBJETS**
[72] RASMUSSEN, JOHANNES, DK
[72] AHRENFELDT, HENRIK, DK
[71] SCHUR PACKAGING SYSTEMS A/S, DK
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[54] **THIN FILM ETHANOL SENSOR AND A PROCESS FOR THE PREPARATION**
[54] **DETECTEUR D'ETHANOL A COUCHE MINCE ET PROCEDE DE PREPARATION ASSOCIE**
[72] KUMAR, VIPIN, IN
[72] GUPTA, HEREMBA PRASAD, IN
[72] JAIN, KIRAN, IN
[72] RASTOGI, ALOK CHANDRA, IN
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
[85] 2004-05-07
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[54] **METHOD FOR MONITORING THE MOVEMENTS OF INDIVIDUALS IN AND AROUND BUILDINGS, ROOMS AND THE LIKE, AND DIRECTION TRANSMITTER FOR EXECUTION OF THE METHOD AND OTHER APPLICATIONS**
[54] **PROCEDE DESTINE A SURVEILLER LES MOUVEMENTS DES INDIVIDUS A L'INTERIEUR ET AUTOUR DE BATIMENTS, DE CHAMBRES ET ANALOGUE, ET TRANSMETTEUR DE DIRECTION PERMETTANT L'EXECUTION DU PROCEDE ET AUTRES APPLICATIONS**
[72] NYFELT, LEIF, SE
[71] NYFELT, LEIF, SE
[71] BENGTSSON, JAN, SE
[85] 2004-05-07
[86] 2002-10-29 (PCT/SE2002/001967)
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[54] **COMPRESSION MOLDING PROCESS AND ARTICLE MADE BY THE PROCESS**
[54] **PROCEDE DE MOULAGE PAR COMPRESSION ET ARTICLE PRODUIT AU MOYEN DUDIT PROCEDE**
[72] LAY, DIETER F., US
[72] NEJAD, BEN, US
[72] MUELLER, BRUCE M., US
[71] SEAQUIST CLOSURES FOREIGN, INC., US
[85] 2004-05-10
[86] 2002-11-08 (PCT/US2002/035792)
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[54] **CHARACTERIZATION OF MOLECULES**
[54] **CARACTERISATION DE MOLECULES**
[72] ZASLAVSKY, BORIS Y., US
[72] CHAIT, ARNON, US
[71] ANALIZA, INC., US
[85] 2004-05-10
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[25] EN
[54] **METHOD TO TREAT CYSTIC FIBROSIS**
[54] **PROCEDE DE TRAITEMENT DE LA MUCOVISCIDOSE**
[72] HIGGINS, LINDA S., US
[72] PROTTER, ANDREW A., US
[72] LIU, DAVID Y., US
[71] SCIOS INC., US
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[51] **Int.Cl. 7H02M 7/00 7H02J 13/00**
[25] FR
[54] **SYSTEME DE COMMANDE A ARCHITECTURE DISTRIBUEE POUR CONVERTISSEURS STATIQUES DE PUISSANCE**
[54] **DISTRIBUTED ARCHITECTURE CONTROL SYSTEM FOR STATIC POWER INVERTERS**
[72] THOMAS, JEAN-LUC, FR
[72] BAUDESSON, PHILIPPE, FR
[72] LAVIEVILLE, JEAN-PAUL, FR
[71] AREVA T&D SA, FR
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[25] EN
[54] **GRAPHIC USER INTERFACE ALTERNATE DOWNLOAD OPTIONS FOR UNAVAILABLE PRM CONTENT**
[54] **OPTIONS SUPPLEMENTAIRES DE TELECHARGEMENT VERS L'AVAL D'INTERFACE UTILISATEUR GRAPHIQUE POUR CONTENU DE SUPPORT ENREGISTRABLE POUVANT ETRE ACHETE NON DISPONIBLE**
[72] RODRIGUEZ, ARTURO A., US
[71] SCIENTIFIC-ATLANTA, INC., US
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[87] 2003-05-22 (WO2003/042787)
[30] US (10/008,429) 2001-11-13

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[54] **OPTICAL CROSSBAR SWITCH**
[54] **COMMUTATEUR CROSSBAR OPTIQUE**
[72] HALL, TREVOR JAMES, GB
[71] UNIVERSITY OF OTTAWA, CA
[85] 2004-05-07
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[51] **Int.Cl. 7C02F 1/14**
[25] EN
[54] **DEVICE FOR RECOVERING DRINKING WATER FROM CONDENSATE AS WELL AS A METHOD AND A DEEP-DRAWING DIE FOR PRODUCTION OF SAID DEVICE**
[54] **DISPOSITIF DE RECUPERATION D'EAU POTABLE A PARTIR DE CONDENSAT, PROCEDE ET OUTILLAGE D'EMBOUTISSAGE PROFOND PERMETTANT DE FABRIQUER LEDIT DISPOSITIF**
[72] AUGUSTIN, STEPHAN, DE
[71] AUGUSTIN, STEPHAN, DE
[85] 2004-05-07
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[30] DE (101 55 080.4) 2001-11-09

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[25] EN
[54] **INTERVERTEBRAL DISC PROSTHESIS**
[54] **PROTHESE DE DISQUE INTERVERTEBRAL**
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[71] ABERDEEN ORTHOPAEDIC DEVELOPMENTS LIMITED, GB
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[54] **DISPOSITIFS A MICRO-MAILLES POUR LES FACES INTERPROXIMALES**
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[72] HILL, IRA D., US
[71] INTERNATIONAL TAPE PARTNERS LLC, US
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[54] **METHOD AND SYSTEM FOR SECURELY STORING AND TRANSMITTING DATA BY APPLYING A ONE-TIME PAD**
[54] **PROCEDE ET SYSTEME DE STOCKAGE ET DE TRANSMISSION DE DONNEES SECURISES PAR APPLICATION D'UNE CLE BLOC UNE FOIS**
[72] GLEICHAUF, PAUL, US
[71] CISCO TECHNOLOGY, INC., US
[85] 2004-05-10
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[54] **CONTROLLED INDUCTION DEVICE AND METHOD OF MANUFACTURING**
[54] **DISPOSITIF A INDUCTION CONTROLEE ET PROCEDE DE FABRICATION**
[72] KIKO, FREDERICK J., US
[71] EXCELSUS TECHNOLOGIES, INC., US
[85] 2004-05-07
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[54] **BENZAMIDE AND HETEROARYLAMIDE AS P2X7 RECEPTOR ANTAGONISTS**
[54] **BENZAMIDE ET HETEROARYLAMIDE UTILISES COMME ANTAGONISTES DU RECEPTEUR P2X7**
[72] DUPLANTIER, ALLEN JACOB, US
[72] SUBRAMANYAM, CHAKRAPANI, US
[71] PFIZER PRODUCTS INC., US
[85] 2004-05-10
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[54] **FLEXIBLE INTRA-OCULAR LENS OF VARIABLE FOCUS**
[54] **LENTILLE INTRAOCULAIRE SOUPLE A FOCALE VARIABLE**
[72] DOMINO, RUDOLPH, US
[71] DOMINO, RUDOLPH, US
[85] 2004-05-10
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[87] 2002-05-16 (WO2002/039147)
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[54] **ANTENNA ARRAY FOR MOVING VEHICLES**
[54] **RESEAU D'ANTENNES POUR VEHICULES EN DEPLACEMENT**
[72] HOWELL, JAMES M., US
[72] FREEMAN, ROBERT A., US
[71] EMS TECHNOLOGIES, INC., US
[85] 2004-05-10
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[54] **A SYSTEM AND METHOD FOR DETERMINING THE MEASURE OF MOBILITY OF A SUBSCRIBER DEVICE IN A TELECOMMUNICATION SYSTEM**
[54] **SYSTEME ET PROCEDE DESTINES A DETERMINER LA MESURE DE MOBILITE D'UN DISPOSITIF D'ABONNE DANS UN SYSTEME DE TELECOMMUNICATION**
[72] WHITE, ERIC, US
[71] MESHNETWORKS, INC., US
[85] 2004-05-10
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[54] **METHOD OF RESOLVING AMLODIPINE RACEMATE**
[54] **PROCEDE DE RESOLUTION DE RACEMATE D'AMLODIPINE**
[72] SENANAYAKE, CHRIS H., US
[72] ZLOTA, ANDREI A., US
[72] WILKINSON, HAROLD S., US
[72] TANOURY, GERALD J., US
[72] BAKALE, ROGER P., US
[72] SARANTEAS, KOSTAS, US
[71] SEPRACOR, INC., US
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[54] **DERIVES DE BENZIMIDAZOLES ET LEUR UTILISATION COMME INHIBITEURS DE PROTEINE KINASE KDR**
[54] **BENZIMIDAZOLE DERIVATIVES AND THEIR USE AS KDR PROTEIN KINASE INHIBITORS**
[72] BABIN, DIDIER, FR
[72] GAUZY-LAZO, LAURENCE, FR
[72] LE-BRUN, ALAIN, FR
[72] BOUCHARD, HERVE, FR
[71] AVENTIS PHARMA S.A., FR
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[54] **STENT GEOMETRY FOR IMPROVED FLEXIBILITY**
[54] **GEOMETRIE D'ENDOPROTHESE A FLEXIBILITE AMELIOREE**
[72] GERBERDING, BRENT C., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2004-05-06
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[25] EN
[54] **PDE9 INHIBITORS FOR TREATING CARDIOVASCULAR DISORDERS**
[54] **INHIBITEURS PDE9 UTILISES DANS LE TRAITEMENT DES TROUBLES CARDIO-VASCULAIRES**
[72] KEMP, MARK IAN, GB
[72] PALMER, MICHAEL JOHN, GB
[72] WOOD, ANTHONY, GB
[72] HUGHES, BERNADETTE, GB
[72] DENINNO, MICHAEL PAUL, US
[71] PFIZER INC., US
[85] 2004-04-28
[86] 2002-10-22 (PCT/IB2002/004385)
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[54] **METHOD FOR EVALUATING AN OPTIMAL DOSAGE OF DEFOAMERS IN A FERMENTATION PROCESS**
[54] **PROCEDE PERMETTANT D'EVALUER UN DOSAGE OPTIMAL D'AGENTS ANTIMOUSSE DANS UN PROCESSUS DE FERMENTATION**
[72] DE HAUT, CHRISTIAN, FR
[72] MOLITOR, JEAN-PIERRE, DE
[72] ABRIBAT, BENOIT, US
[72] MERLET, STEPHANIE, FR
[72] CLAESSENS, PETER, NL
[71] COGNIS FRANCE S.A., FR
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[87] 2003-05-15 (WO2003/040699)
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[54] **PROCEDE DE FABRICATION DE FEUILLE DE POLYPROPYLENE**
[72] HINE, PETER JOHN, GB
[72] WARD, IAN MACMILLAN, GB
[71] BTG INTERNATIONAL LIMITED, GB
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[86] 2002-10-08 (PCT/GB2002/004572)
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[54] **VACCIN ANTI-SALMONELLA**
[72] LOWERY, DAVID E., US
[72] KENNEDY, MICHAEL J., US
[71] PHARMACIA & UPJOHN COMPANY, US
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[25] EN
[54] **ECTOCORNEA-LIKE SHEET AND METHOD OF CONSTRUCTING THE SAME**
[54] **FEUILLE DU TYPE EPITHELIUM CORNEEN ET PROCEDE DE CONSTRUCTION ASSOCIE**
[72] NAKAMURA, TAKAHIRO, JP
[72] KINOSHITA, SHIGERU, JP
[71] AMNIOTEC INC., JP
[85] 2004-05-07
[86] 2002-11-13 (PCT/JP2002/011857)
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[54] **DRAIN HOLE SHAPE FOR VESSEL**
[54] **FORME D'ORIFICE DE VIDANGE POUR UNE CUVE**
[72] OBA, TOSHINORI, JP
[72] SUZUKI, YASUHIRO, JP
[72] OTA, MASAHIRO, JP
[71] TOYO ROKI SEIZO KABUSHIKI KAISHA, JP
[85] 2004-05-07
[86] 2002-12-24 (PCT/JP2002/013429)
[87] 2003-07-17 (WO2003/058050)
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[25] EN
[54] **GAS TURBINE ARRANGEMENT**
[54] **SYSTEME DE TURBINE A GAZ**
[72] JONSSON, BERTIL, SE
[71] VOLVO AERO CORPORATION, SE
[85] 2004-05-07
[86] 2002-10-08 (PCT/SE2002/001831)
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[25] EN
[54] **NEW USE FOR THE TREATMENT OF GASTROESOPHAGEAL REFLUX DISEASE**
[54] **PROCEDE DE TRAITEMENT DU REFLUX GASTRO-OESOPHAGIEN**
[72] LEHMANN, ANDERS, SE
[71] ASTRAZENECA AB, SE
[85] 2004-05-07
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[87] 2003-05-30 (WO2003/043619)
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|54| **PASSIVE TWO WAY BOREHOLE COMMUNICATION APPARATUS AND METHOD**
|54| **APPAREIL ET PROCEDE DE COMMUNICATION BIDIRECTIONNELLE SEMI-PASSIVE DANS UN TROU DE FORAGE**
|72| DUBINSKY, VLADIMIR, US
|71| BAKER HUGHES INCORPORATED, US
|85| 2004-05-07
|86| 2002-11-07 (PCT/US2002/035663)
|87| 2003-05-15 (WO2003/041282)
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|54| **BEAMFORMER FOR MULTI-BEAM BROADCAST ANTENNA**
|54| **FORMEUR DE FAISCEAUX POUR ANTENNE DE RADIODIFFUSION MULTIFAISCEAU**
|72| HOWELL, JAMES M., US
|71| EMS TECHNOLOGIES, INC., US
|85| 2004-05-07
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|87| 2003-05-15 (WO2003/041218)
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|54| **REAL TIME INTERACTIVE VIDEO SYSTEM**
|54| **SYSTEME VIDEO INTERACTIF EN TEMPS REEL**
|72| ARNOLD, GLENN C., US
|72| KAESMAN, ANN MARIE, US
|72| LE, THACH CAM, US
|72| GEAGA, JORGE, US
|72| BATES, DANIEL L., US
|71| CREATIVE FRONTIER INC., US
|85| 2004-05-07
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|54| **SUBSTITUTED HETEROARYLALKANOIC ACIDS AND THEIR USE AS ALDOSE REDUCTASE INHIBITORS**
|54| **ACIDES HETEROARYLALKANOIQUES SUBSTITUES**
|72| VAN ZANDT, MICHAEL C., US
|72| GERACI, LEO, US
|71| THE INSTITUTES FOR PHARMACEUTICAL DISCOVERY, LLC, US
|85| 2004-05-07
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|54| **ABSORBENT ARTICLES HAVING IMPROVED STRETCHABILITY**
|54| **ARTICLES ABSORBANTS DOTES D'UNE EXTENSIBILITE AMELIOREE**
|72| GIBBS, BERNADETTE M., US
|72| JOHNSON, BETSY, US
|71| PARAGON TRADE BRANDS, INC., US
|85| 2004-05-07
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|87| 2003-05-30 (WO2003/043530)
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|54| **METHODS AND COMPOSITIONS FOR THE TREATMENT OF PAIN AND OTHER HORMONE-ALLERGY-RELATED SYMPTOMS USING DILUTE HORMONE SOLUTIONS**
|54| **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE LA DOULEUR ET AUTRES SYMPTOMES LIES A L'ALLERGIE HORMONALE AU MOYEN DE SOLUTIONS HORMONALES DILUEES**
|72| ROBY, RUSSELL, R., US
|71| ROBY, RUSSELL, R., US
|85| 2004-05-07
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|87| 2003-05-30 (WO2003/043579)
|30| US (60/332,475) 2001-11-16
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|54| **TREATMENT OF NEURODEGENERATIVE AND CARDIOVASCULAR DISORDERS**
|54| **TRAITEMENT DE TROUBLES NEURODEGENERATIFS ET CARDIOVASCULAIRES**
|72| DU, YANSHENG, US
|72| DU, RUYU, US
|72| FARLOW, MARTIN R., US
|71| DU, YANSHENG, US
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|54| **FLOW MEASUREMENT MODULE AND METHOD**
|54| **MODULE ET PROCEDE DE MESURE D'ECOULEMENT**
|72| GRUMSTRUP, BRUCE FREDERICK, US
|72| ADAMS, PUAL ROBERT, US
|71| FISHER CONTROLS INTERNATIONAL LLC, US
|85| 2004-05-07
|86| 2002-12-19 (PCT/US2002/040879)
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[54] **DEVICE HAVING OSTEOINDUCTIVE AND OSTEOCONDUCTIVE PROPERTIES**
[54] **DISPOSITIF DOTE DE PROPRIETES OSTEOINDUCTIVES ET OSTEOCONDUCTRICES**
[72] HAPPERSBERGER, PETER, DE
[72] KOHNERT, ULRICH, DE
[72] POHLING, SYLKE, DE
[72] HELLERBRAND, KLAUS, DE
[71] SCIL TECHNOLOGY GMBH, DE
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[25] EN
[54] **MAGNETIC HOLDING FIELD FOR CRYOGENICALLY ACCUMULATED POLARIZED 129XENON**
[54] **CHAMP MAGNETIQUE DE RETENUE DESTINE A DU 129XENON POLARISE RECUEILLI PAR VOIE CRYOGENIQUE**
[72] KUZMA, NICHOLAS N., US
[72] NELSON, IAN, US
[71] MEDI-PHYSICS, INC., US
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[25] EN
[54] **PORTABLE COMMUNICATION DEVICE USED AS AN ACCESSORY FOR A MOBILE COMMUNICATION SYSTEM**
[54] **DISPOSITIF DE COMMUNICATION PORTABLE UTILISE EN TANT QU'ACCESSOIRE POUR UN SYSTEME DE COMMUNICATIONS MOBILE**
[72] CLAXTON, BRUCE A., US
[72] JACKSON, CHARLES F., US
[72] CECCHIN, ANTHONY J., US
[72] RICHARDS, SCOTT H., US
[72] GILMORE, PETER, US
[72] SWOPE, CHARLES B., US
[72] SANDVOS, JERRY L. (DECEASED), US
[71] MOTOROLA, INC., US
[85] 2004-05-07
[86] 2003-09-17 (PCT/US2003/029416)
[87] 2004-04-01 (WO2004/028026)
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[25] EN
[54] **ATV WITH IMPROVED DRIVER POSITIONING AND SINGLE OR MULTIPLE PASSENGER CAPACITY**
[54] **VTT AVEC POSITIONNEMENT DU CONDUCTEUR AMELIORE ET CAPACITE EN PASSAGERS SIMPLE OU MULTIPLE**
[72] RONDEAU, PIERRE, CA
[72] PORTELANCE, MARTIN, CA
[72] GAGNON, CLAUDE, CA
[72] GAGNE, MARTIN, CA
[72] DUBE, ERIC, CA
[72] BOMBARDIER, CHARLES, CA
[72] NADEAU, DANIEL, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[54] **A SYSTEM AND A METHOD FOR OPERATING ON-LINE STATE LOTTERY GAMES**
[54] **SYSTEME ET PROCEDE DE MISE EN OEUVRE DE JEUX DE LOTERIE D'ETAT EN LIGNE**
[72] YACENDA, MICHAEL W., US
[71] ELOT, INC., AND ELOTTERY, INC., US
[85] 2004-04-30
[86] 2001-11-02 (PCT/US2001/045646)
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[54] **ATTENUATION DE LA PRESBYTIE**
[72] COX, IAN A., US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2004-04-19
[86] 2002-10-18 (PCT/US2002/033534)
[87] 2003-04-24 (WO2003/032825)
[30] US (60/348,192) 2001-10-19

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[25] EN
[54] **NONHUMAN MODEL ANIMAL OF SYSTEMIC LUPUS ERYTHEMATOSUS**
[54] **ANIMAL MODELE NON HUMAIN DU LUPUS ERYTHEMATEUX CHRONIQUE**
[72] NAKAMURA, AKIRA, JP
[72] TAKAI, TOSHIYUKI, JP
[72] YAJIMA, KAORI, JP
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
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[86] 2002-10-25 (PCT/JP2002/011106)
[87] 2003-05-08 (WO2003/037080)
[30] JP (2001-331621) 2001-10-29

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[13] A1
[51] **Int.Cl. 7C07H 21/00 7C07H 19/00 7C07H 21/02 7C07H 21/04**
[25] EN
[54] **REAGENTS FOR OLIGONUCLEOTIDE CLEAVAGE AND DEPROTECTION**
[54] **REACTIFS DE CLIVAGE ET DE DEPROTECTION D'OLIGONUCLEOTIDES**
[72] NELSON, JEFFREY, US
[71] APPLERA CORPORATION, US
[85] 2003-09-04
[86] 2002-03-04 (PCT/US2002/006739)
[87] 2003-09-19 (WO2002/072864)
[30] US (60/274,309) 2001-03-08

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[13] A1
[51] **Int.Cl. 7G01N 31/10**
[25] EN
[54] **CATALYST TESTING PROCESS AND APPARATUS**
[54] **APPAREIL ET PROCEDE D'ESSAI DE CATALYSEURS**
[72] WILLSON, RICHARD COALE, US
[71] UNIVERSITY OF HOUSTON, US
[22] 1997-02-25
[41] 1997-09-04
[62] 2,247,259
[30] US (60/012,457) 1996-02-28
[30] US (08/664,836) 1996-06-17

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[21] **2,466,401**
[13] A1
[51] **Int.Cl. 7B23K 37/00 7B23K 31/02**
[25] EN
[54] **WELDING APPARATUS**
[54] **MACHINE DE SOUDAGE**
[72] FUJITA, SHIGEO, JP
[72] YAMAGUCHI, SHIGEYA, JP
[72] TAKAHASHI, KENICHI, JP
[72] OTSUKA, KAZUSHI, JP
[71] TAKAO KINZOKU KOGYO CO., LTD., JP
[22] 1999-09-21
[41] 2000-12-09
[62] 2,282,959
[30] JP (11-162147) 1999-06-09

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[21] **2,466,569**
[13] A1
[51] **Int.Cl. 7G11B 20/10 7G11B 20/14**
[25] EN
[54] **ENCODER FOR DIGITAL DATA STORAGE**
[54] **CODEUR POUR MEMOIRE DE DONNEES NUMERIQUES**
[72] GRAY, MARTIN D., US
[71] OVERLAND STORAGE, INC., US
[22] 1997-02-07
[41] 1997-08-14
[62] 2,246,423
[30] US (08/599,146) 1996-02-09
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[21] **2,466,717**
[13] A1
[51] **Int.Cl. 7H05B 37/02 7H05B 33/00**
[25] EN
[54] **MULTICOLORED LED LIGHTING METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF POUR ECLAIRAGE MULTICOLORE A DIODES ELECTROLUMINESCENTES**
[72] MUELLER, GEORGE G., US
[72] LYS, IHOR A., US
[71] COLOR KINETICS INCORPORATED, US
[22] 1998-08-26
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[62] 2,302,227
[30] US (08/920,156) 1997-08-26

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[21] **2,466,742**
[13] A1
[51] **Int.Cl. 7A61B 5/00 7A61B 5/0402**
[25] EN
[54] **MINIMALLY INVASIVE IMPLANTABLE DEVICE FOR MONITORING PHYSIOLOGIC EVENTS**
[54] **DISPOSITIF IMPLANTABLE PEU INVASIF PERMETTANT DE SURVEILLER DES EVENEMENTS PHYSIOLOGIQUES**
[72] TURI, GREGG, US
[72] VARRICHIO, ANTHONY J., US
[72] WARKENTIN, DWIGHT, US
[72] KLEIN, GEORGE J., CA
[72] CARNEY, JAMES K., US
[72] LEE, BRIAN B., US
[72] RIFF, KENNETH M., US
[71] MEDTRONIC, INC., US
[22] 1997-07-09
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[30] US (08/678,219) 1996-07-11

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[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 19/00 7G06F 17/40**
[25] EN
[54] **LIGHT FIXTURE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'APPAREILS D'ECLAIRAGE**
[72] JEFFERY, CLARK R., CA
[71] JEFFERY, CLARK R., CA
[22] 2000-04-28
[41] 2000-10-02
[62] 2,307,153

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[13] A1
[51] **Int.Cl. 7G01R 22/00**
[25] EN
[54] **PROGRAMMABLE ELECTRICAL ENERGY METER AND METHODS THEREFORE**
[54] **COMPTEUR D'ENERGIE ELECTRIQUE PROGRAMMABLE ET LE FONCTIONNEMENT DE CELUI-CI**
[72] MUNDAY, MARK L., US
[72] HEMMINGER, RODNEY C., US
[71] ELSTER ELECTRICITY, LLC, US
[22] 1992-11-05
[41] 1993-09-02
[62] 2,286,992
[30] US (839,182) 1992-02-21

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[51] **Int.Cl. 7H01M 8/04**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING OPERATION OF A FUEL PROCESSING SYSTEM**
[54] **SYSTEME ET PROCEDE PERMETTANT DE COMMANDER LE FONCTIONNEMENT D'UN SYSTEME DE TRAITEMENT DE COMBUSTIBLE**
[72] EDLUND, DAVID J., US
[72] HERRON, THOMAS G., US
[72] PLEDGER, WILLIAM A., US
[71] IDATECH, LLC, US
[22] 2000-09-21
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[30] US (09/414,049) 1999-10-06

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[54] **SURGICAL DRILL**
[54] **FORET CHIRURGICAL**
[72] LIZARDI, JOSE E., US
[72] MELOUL, RAOHAEL F., US
[71] JOHNSON & JOHNSON PROFESSIONAL, INC., US
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[41] 1994-09-04
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[54] **METERED DOSE INHALER FOR SALMETEROL**
[54] **INHALATEUR DOSEUR DE SALMETEROL**
[72] BRITTO, IGNATIUS LOY, US
[71] SMITHKLINE BEECHAM CORPORATION, US
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[41] 1996-10-17
[62] 2,217,954
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[25] EN
[54] **IMPROVED NONAZEOTROPIC WORKING FLUID MEDIA FOR USE IN THERMODYNAMIC CYCLE APPLICATIONS**
[54] **FLUID DE TRAVAIL NONAZEOTROPIQUE AMELIORE UTILISE DANS LES APPLICATIONS A CYCLE THERMODYNAMIQUE**
[72] GU, CHU-JUN, CN
[71] GREEN ENGINEERING LIMITED, GB
[22] 1993-01-22
[41] 1993-08-05
[62] 2,128,629
[30] CN (92100395.1) 1992-01-24

[21] **2,467,757**
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[25] EN
[54] **B1K CHAIN OF LAMININ AND METHODS OF USE**
[54] **CHAINE B1K DE LAMININE ET PROCEDES D'UTILISATION**
[72] BURGESON, ROBERT E., US
[72] WAGMAN, DAVID WOLFE, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[71] THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUC ATION ON BEHALF OF OREGON HEALTH SCIENCES UNIVERSITY, US
[22] 1994-10-26
[41] 1995-05-04
[62] 2,173,626
[30] US (08/144,121) 1993-10-27

[21] **2,467,762**
[13] A1
[51] **Int.Cl. 7A61F 5/08**
[25] EN
[54] **NON-LINEAR NASAL DILATOR**
[54] **DILATATEUR NASAL NON LINEAIRE**
[72] LUNDY, CHARLES E., US
[72] WILDMAN, GARY C., US
[72] MUCHIN, JEROME D., US
[71] LUNDY, CHARLES E., US
[71] MUCHIN, JEROME D., US
[71] WILDMAN, GARY C., US
[22] 1999-03-12
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[62] 2,265,417
[30] US (09/042,437) 1998-03-13

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[13] A1
[51] **Int.Cl. 7C07K 14/255 7C12P 21/02 7C07K 16/12 7G01N 33/569 7C12Q 1/68**
[25] FR
[54] **SEQUENCES NUCLEIQUES ISSUES DU GENOME DE SALMONELLA TYPHI, ET LEURS UTILISATIONS NOTAMMENT POUR LE DIAGNOSTIC IN VITRO DE LA PRESENCE DE BACTERIES DU GENRE SALMONELLA DANS LES PRODUITS ALIMENTAIRES**
[54] **NUCLEIC SEQUENCES FROM THE GENOME OF SALMONELLA TYPHI, AND USES THEREOF PARTICULARLY FOR THE IN VITRO DIAGNOSIS OF THE PRESENCE OF SALMONELLA BACTERIA IN FOODSTUFFS**
[72] DION, MICHEL PIERRE, FR
[72] POPOFF, MICHAEL YVAN, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] INSTITUT PASTEUR, FR
[22] 1991-07-11
[41] 1992-01-23
[62] 2,087,006
[30] FR (90/08852) 1990-07-11

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[51] **Int.Cl. 7A61B 17/03 7A61B 17/11**
[25] EN
[54] **CIRCULAR ANASTOMOSIS DEVICE**
[54] **DISPOSITIF CIRCULAIRE POUR ANASTOMOSE**
[72] ROBERTSON, JOHN CHARLES, US
[72] VIOLA, FRANK J., US
[71] UNITED STATES SURGICAL CORPORATION, US
[22] 1994-09-26
[41] 1995-04-08
[62] 2,132,917
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[25] EN
[54] **METHOD FOR ASSAY OF ANTIBODIES AND ANTIBODY ASSAY DEVICE**
[54] **PROCEDES DE DETECTION D'ANTICORPS ET DISPOSITIF DE DETECTION D'ANTICORPS**
[72] NODA, ATSUNARI, JP
[72] KATSURAGI, KIYONORI, JP
[72] AKAMATSU, SUGURU, JP
[72] TAKAHASHI, SHIGEO, JP
[72] ODA, TETSUYA, JP
[72] TACHIKAWA, TETSUYA, JP
[72] MACHIKAWA, FUSAICHI, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[22] 1999-04-09
[41] 1999-10-21
[62] 2,293,677
[30] JP (10/103095) 1998-04-14
[30] JP (10/118524) 1998-04-28
[30] JP (10/218843) 1998-08-03

[21] **2,467,977**
[13] A1
[51] **Int.Cl. 7C08G 65/34**
[25] EN
[54] **SYNTHESIS OF VINYL ETHERS, METHODS AND REAGENTS RELATED THERETO**
[54] **SYNTHESE D'ETHERS D'ARYLE, PROCEDES ET REACTIFS AFFERENTS**
[72] WOLFE, JOHN P., US
[72] PALUCKI, MICHAEL., US
[72] BUCHWALD, STEPHEN L., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[22] 1997-10-10
[41] 1998-04-16
[62] 2,267,153
[30] US (08/728,449) 1996-10-10

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[13] A1
[51] **Int.Cl. 7C07H 21/02 7C07H 21/00 7A61K 48/00 7C07H 1/06 7C12N 15/10 7A61K 31/7088 7A61K 31/7105**
[25] EN
[54] **PROCESS FOR PURIFYING CHEMICALLY SYNTHESIZED RNA**
[54] **PROCEDE DE PURIFICATION DE RNA SYNTHETISE PAR VOIE CHIMIQUE**
[72] USMAN, NASSIM, US
[72] MATULIC-ADAMIC, JASENKA, US
[72] KISICH, KEVIN, US
[72] MODAK, ANIL, US
[72] MCSWIGGEN, JAMES A., US
[72] WINCOTT, FRANCINE E., US
[72] WOOLF, TOD, US
[72] KARPEISKY, ALEXANDER, US
[72] PAVCO, PAMELA, US
[72] GRIMM, SUSAN, US
[72] BEIGELMAN, LEONID, US
[72] SULLIVAN, SEAN M., US
[72] TRACZ, DANUTA, US
[72] THOMPSON, JAMES D., US
[72] CHOWRIRA, BHARAT, US
[72] DUDYCZ, LECH W., US
[72] STINCHCOMB, DAN T., US
[72] SWEEDLER, DAVID, US
[72] DRAPER, KENNETH G., US
[72] DIRENZO, ANTHONY, US
[71] RIBOZYME PHARMACEUTICALS, INC., US
[22] 1995-02-23
[41] 1995-08-31
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[30] US (08/201,109) 1994-02-23
[30] US (08/218,934) 1994-03-29
[30] US (08/222,795) 1994-04-04
[30] US (08/224,483) 1994-04-07
[30] US (08/228,041) 1994-04-15
[30] US (08/227,958) 1994-04-15
[30] US (08/245,736) 1994-05-18
[30] US (08/271,280) 1994-07-06
[30] US (08/291,932) 1994-08-15
[30] US (08/291,433) 1994-08-16
[30] US (08/292,620) 1994-08-17
[30] US (08/293,520) 1994-08-19
[30] US (08/300,000) 1994-09-02
[30] US (08/303,039) 1994-09-08
[30] US (08/311,486) 1994-09-23
[30] US (08/311,749) 1994-09-23
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[30] US (08/316,771) 1994-10-03
[30] US (08/319,492) 1994-10-07
[30] US (08/321,993) 1994-10-11
[30] US (08/334,847) 1994-11-04
[30] US (08/337,608) 1994-11-10
[30] US (08/334,516) 1994-11-28
[30] US (08/357,577) 1994-12-16
[30] US (08/363,233) 1994-12-23
[30] US (08/380,734) 1995-01-30

[21] **2,468,090**
[13] A1
[51] **Int.Cl. 7F16B 41/00 7F16B 37/00**
[25] EN
[54] **ONE-WAY NUT FASTENER**
[54] **ECROU INDESSERRABLE**
[72] FULLER, CHRISTOPHER, US
[71] APCOM, INC., US
[22] 2002-09-06
[41] 2003-05-16
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[30] US (09/988,080) 2001-11-16

Index of Canadian Patents Issued

July 27, 2004

Index des brevets canadiens délivrés

27 juillet 2004

AARONSON, STUART A. 2,069,900
ABBOTT LABORATORIES 2,358,395
ADVANCED FIBER TECHNOLOGIES (AFT) OY 2,267,461
AHN, IN AE 2,320,233
AHR, NICHOLAS ALBERT 2,309,910
AICHI STEEL WORKS, LTD. 2,159,016
AIR TURBINE TECHNOLOGY, INC. 2,171,454
AIRSTAR 2,189,074
ALBRIGHT, MARK D. 2,087,130
ALCAN INTERNATIONAL LIMITED 2,321,133
ALDEN, LORNE B. 2,136,385
ALLISON, GAVIN IAN 2,234,103
AL-RAZZAK, LAMAN A. 2,358,395
ALSAHEB, SAMIH A. H. 2,361,729
AMERITECH CORPORATION 2,292,443
AMERSHAM PHARMACIA BIOTECH UK LIMITED 2,381,506
AMGEN INC. 2,279,999
AN, HAOYUN 2,162,270
ANDERSSON, GUNNAR 2,118,512
ANDREWS, ALAN 2,232,201
ANSELMO, CARL S. 2,308,437
ANTHONY, JAMES D. 2,358,616
AONO, TOMOKO 2,400,496
ARAI, KAZUO 2,159,016
ARPIN, MICHEL 2,212,921
ASBACH, RONALD 2,343,955
ASUMI, MICHIO 2,228,108
ATHENRY ENTERPRISES LIMITED 2,183,956
BAKER HUGHES INCORPORATED 2,227,601
BALLANTYNE, RAY 2,227,601
BANAS, CHRISTOPHER E. 2,200,555
BANGALA, DENIS NGOY 2,114,965
BANGARU, NARASIMHA-RAO 2,316,970
BAPST, DAVID M. 2,343,955
BARD PERIPHERAL VASCULAR, INC. 2,200,555
BARTZ, SHAWN MICHAEL 2,328,019
BASSAM, DEAN ANTHONY 2,234,103
BAYER AKTIENGESELLSCHAFT 2,243,591
BAYER HEALTHCARE, LLC 2,177,753
BAYER INC. 2,109,279
BAYLEY, GWAIN 2,216,635
BECKER, KLAUS ERNST 2,343,859
BEGIN, MICHEL 2,300,396
BERNDSEN, FRIEDRICH-WILHELM 2,089,115
BETZDEARBORN INC. 2,063,294
BICHON, DANIEL 2,056,371
BIOCHEMIE GESELLSCHAFT MBH 2,103,072
BIOVITRUM AB 2,118,512
BIRD, DAVID ALAN 2,103,468
BISHOP STEERING PTY LIMITED 2,220,054
BJORK, ANDERS 2,118,512
BLANEY, CAROL ANN 2,200,780
BLOCZYNSKI, MICHAEL L. 2,177,753
BOBO, DONALD E., JR. 2,163,425
BOLKAN, STEVEN A. 2,062,702
BONNIER, DENI 2,293,925
BORGWARNER INC. 2,191,393
BOUCHARD, MICHEL 2,220,413
BOWER, CHRISTOPHER A. 2,315,132
BOWSER, GREGORY ALAN 2,171,454
BOYCE, DEAN ARDEN 2,328,019
BRACCO INTERNATIONAL B.V. 2,056,371
BRAIDA-VALERIO, DAMARYS 2,216,950
BRODBECK, KEVIN J. 2,062,702
BRUENING, RONALD L. 2,162,270
BUMACH ENGINEERING INTERNATIONAL B.V. 2,299,384
BUSSAT, PHILIPPE 2,056,371
BUTER, JOSEF 2,299,384
BYNUM, KURT K. 2,104,668
CAMERON, ROBERT FRASER 2,244,692
CAMPION, TERESE A. 2,087,130
CARNEGIE MELLON UNIVERSITY 2,381,506
CARSTENS, JERRY EDWARD 2,309,910
CERTAINTEED CORPORATION 2,272,779
CERTAINTEED CORPORATION 2,272,783
CHABERT, PIERRE GABRIEL 2,189,074
CHAMPAGNE, YVES 2,293,925
CHANG, LIANG HSI 2,358,933
CHANG, MING-SHI 2,279,999
CHAPLIN, PAUL DAVID 2,183,956
CHAPMAN, RICHARD H. 2,136,385
CHENARD, BERTRAND L. 2,219,911
CHO, KAR CHEONG 2,134,344
CHO, YONG-SO 2,343,862
CHOI, TAE SAENG 2,320,233
CHORNET, ESTEBAN 2,114,965
CHRISTENSEN, TIMOTHY FRANKLIN 2,343,859
CHUNG, HYUN HO 2,320,233
COLLINGS, TIMOTHY 2,230,843
COLOR KINETICS INCORPORATED 2,302,227
CORDIS CORPORATION 2,204,586
COREY, PAUL F. 2,177,753
COTTERILL, PHILIP A. 2,142,176
CRAMPTON, SHERI L. 2,358,395
CRANSTON DIVERSIFIED INDUSTRIES 2,438,352
CRANSTON, ALBERT E., III 2,438,352
CYBERSCAN TECHNOLOGY, INC. 2,312,337
DAUBINGER, GERD 2,292,048
DAVIES, BRIAN WILLIAM 2,157,002
DAVIS, ROBERT 2,116,798
DAVISON, BETSY A. 2,087,130
DAVISSON, THOMAS L. 2,321,133
DEAKIN, MARTIN JOHN 2,156,081
DEERE & COMPANY 2,328,019
DEERE & COMPANY 2,343,859
DENG, YINGPING 2,177,753
DEVELOPED RESEARCH FOR IRRIGATION PRODUCTS, INC. 2,091,357
DEWPRASHAD, BRAHMADEO T. 2,288,560
DILLON, KENNETH R. 2,256,769
DIXON, ROBERT C. 2,163,425
DONLAR CORPORATION 2,083,390
DONLAR CORPORATION 2,144,945
DRAKE, IAN WALTER 2,124,264
DRENT, EIT 2,155,574
DUBIEF, CLAUDE 2,216,950
DUCHAMP, FABRICE 2,212,921
DUTZMANN, STEFAN 2,243,591
EASTMAN KODAK COMPANY 2,203,356
EDWARDS LIFESCIENCES CORPORATION 2,163,425
EDWARDS LIFESCIENCES CORPORATION 2,289,685
ELLIOTT, GARY S. 2,279,999
ELLIS, ERNEST W. 2,246,542
ELY, GARY W. 2,144,120
EMS-CHEMIE AG 2,273,030
ETHICON, INC. 2,307,773
EXXONMOBIL CHEMICAL PATENTS INC. 2,157,002
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,316,970
FARQUHARSON, KEITH D. 2,366,693
FEED UP INC. 2,195,278
FERRANTI-THOMSON SONAR SYSTEMS U.K. LIMITED 2,142,176
FIELD, ROBERT H. 2,309,216

Index of Canadian Patents Issued
July 27, 2004

FILIPOVIC, DANIEL 2,285,043
FINZEL, KEN K. 2,286,611
FISCHELL, DAVID R. 2,204,586
FISCHELL, ROBERT E. 2,204,586
FISCHELL, TIM A. 2,204,586
FLANDERS, BRUCE A. 2,227,601
FORTIN, MARC 2,220,413
FOWLER, SUSAN JANET 2,381,506
FREESE, DONALD T. 2,063,294
FRES-CO SYSTEM USA, INC. 2,308,680
FROST, JOHN ROBERT 2,284,423
FRYK, BRUCE KEVIN 2,328,019
FUJII, HIDEKI 2,159,016
FUJII, MASAMITSU 2,272,730
FUKUYAMA, TERUYASU 2,195,278
FURUTANI, KAZUMI 2,272,730
FURUTANI, YUKA 2,309,910
FUYAMA, SEIJI 2,423,867
G.S. BLODGETT CORPORATION 2,136,385
GADEKEN, LARRY L. 2,367,023
GALLENKAMP, BERND 2,243,591
GALOMB, DAVID E. 2,308,680
GANO, JOHN C. 2,444,588
GATTO, JEAN-MARIE 2,312,337
GAYER, HERBERT 2,243,591
GEMSTAR DEVELOPMENT CORPORATION 2,134,344
GENERAL MOTORS CORPORATION 2,316,535
GERDES, PETER 2,243,591
GILES, PAUL ALLAN 2,238,440
GILHOUSEN, KLEIN S. 2,216,635
GIPSON, LAMAR HEATH 2,238,440
GISLER, RENE 2,273,030
GLOBUS, KARIN R. 2,167,539
GOUGH, ARTHUR 2,134,209
G-P GYPSUM CORPORATION 2,228,047
GUARDIAN FIBERGLASS, INC. 2,315,461
GUSTAVSON, LINDA E. 2,358,395
HAGA, NOBUHIRO 2,124,136
HAIGHT, LEVOY G. 2,307,302
HALLIBURTON ENERGY SERVICES, INC. 2,200,274
HALLIBURTON ENERGY SERVICES, INC. 2,234,199
HALLIBURTON ENERGY SERVICES, INC. 2,288,560
HALLIBURTON ENERGY SERVICES, INC. 2,367,023
HALLIBURTON ENERGY SERVICES, INC. 2,444,588
HAMEISTER, WILLIAM A. 2,358,616
HANSSLER, GERD 2,243,591
HARPER, CHRISTOPHER 2,179,033
HARRIS, PHILLIP C. 2,234,199
HASEGAWA, SHINYA 2,400,496
HASSELAAR, MELIS 2,155,574
HAWKINS, JOEL MICHAEL 2,268,679
HAYNES, BRYAN DAVID 2,238,440
HEIDELBERGER DRUCKMASCHINEN AG 2,358,616
HEINEMANN, ULRICH 2,243,591
HENSLER, THOMAS ANTHONY 2,286,773
HERBST, ROYCE 2,307,302
HILTI AKTIENGESELLSCHAFT 2,292,048
HINE, ARTHUR H. 2,230,843
HIRAI, KEITARO 2,282,441
HIRANO, HIROSABURO 2,098,701
HLAVKA, JOSEPH J. 2,103,861
HOFFMAN, ERNEST G. 2,117,001
HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.) 2,225,238
HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.) 2,228,108
HONDA, HIROYA 2,249,087
HONG, ALEX 2,340,957
HONKURA, YOSHINOBU 2,159,016
HORIGUCHI, AKIHIRO 2,282,441
HORNG, CHING-SHEN 2,340,957
HUBBELL INCORPORATED 2,117,001
HUGHES ELECTRONICS CORPORATION 2,308,437
HUI, HO-WAH 2,358,395
HUNTSMAN PETROCHEMICALS (UK) LIMITED 2,134,209
HUZINEC, GARY M. 2,337,611
HYBL, EVA 2,056,371
HYO-ON INCORPORATED 2,215,412
IBC ADVANCED TECHNOLOGIES, INC. 2,162,270
ICHIRYU, TAKU 2,272,967
IKEDA, TAKASHI 2,282,441
ILLINOIS TOOL WORKS INC. 2,255,513
INAGAKI, MASANAO 2,124,136
INSTITUT FRANCAIS DU PETROLE 2,112,639
INSTITUT NATIONAL D'OPTIQUE 2,293,925
INSTITUT NATIONAL D'OPTIQUE 2,300,396
INVACARE CORPORATION 2,239,690
ITO, NORIO 2,400,496
ITO, SHINJI 2,098,701
IWAMOTO, MUNE 2,249,087
IZUMI, YOSHIO 2,228,108
JANSON, STEVEN L. 2,302,927
JANSSON, MARK LARS 2,233,970
JEFFERY, HERBERT 2,272,133
JENSEN, DAVID L. 2,189,212
JOHNSON, DEBORAH F. 2,162,270
JONES, TIMOTHY G. J. 2,190,811
JURVANEN, JARI 2,267,461
JUUSELA, PETRI 2,235,005
K-2 CORPORATION 2,350,938
KABUSHIKI KAISHA KOBE SEIKO SHO 2,272,730
KABUSHIKI KAISHA TOSHIBA 2,282,441
KAMATA, SUSUMU 2,124,136
KAPLAN, ANDREAS 2,273,030
KASZAS, GABOR 2,109,279
KATATA, HIROYUKI 2,400,496
KAWANO, KOJI 2,249,087
KELLER, ERNST 2,109,872
KEMESTRIE 2,114,965
KIDA, TAKAYUKI 2,272,730
KIKUCHI, TATSUYA 2,360,698
KILGORE, MARION D. 2,444,588
KIM, CHUNG MI 2,320,233
KIM, HYUN SUNG 2,320,233
KIM, JONG HYUN 2,320,233
KIM, KWI HWA 2,320,233
KIMBERLY-CLARK WORLDWIDE, INC. 2,200,780
KIMBERLY-CLARK WORLDWIDE, INC. 2,238,440
KISHIGAMI, TOHRU 2,282,441
KITAHAMA, KOJI 2,206,437
KLEES, KEVIN JOHN 2,203,356
KOH, JONG SUNG 2,320,233
KOMOROWSKI, KARL J. 2,286,611
KOO, JAYOUNG 2,316,970
KOSKAN, LARRY P. 2,083,390
KOSKAN, LARRY PAUL 2,144,945
KRAFT FOODS, INC. 2,215,824
KRAFT FOODS, INC. 2,284,423
KRAKOWIAK, KRZYSZTOF E. 2,162,270
KRAMLING, FRANZ 2,089,115
KRAPF, WALLACE A. 2,133,862
KRAUS, MATTHIAS H. 2,069,900
KRUGER, BERND-WIELAND 2,243,591
KUSAO, HIROSHI 2,400,496
KUSTER, HANS-WERNER 2,089,115
KWAK, TAE HWAN 2,320,233
KWOH, DANIEL S. 2,134,344
LABRANCHE, BRUNO 2,293,925
LAFOND, LUC 2,288,534
LAGRANGE, ALAIN 2,216,950
LAMBERT, PAUL-EMILE 2,220,413
LANG, CHARLES A. 2,325,149
LAPOINTE, LARRY P. 2,286,611
LAPP, THEODORE R. 2,163,425
LARUE, JOSEPH 2,112,639
LAU, JARK CHONG 2,238,440
LAUZON, JOCELYN 2,300,396
LA-Z-BOY INCORPORATED 2,286,611
LEE, HYUN IL 2,320,233
LEE, JIN HO 2,320,233
LEE, SUN HWA 2,320,233
LEE, VING J. 2,103,861
LEE, WY PERON 2,262,332
LEGRAND, EMMANUEL 2,253,676
LEI, TIAN 2,159,016
LERMITE, CHRISTOPHE 2,112,639
LG CHEMICAL LTD. 2,320,233
LINDE, ROBERT GERALD II 2,331,261
LIQUI-BOX CANADA INC. 2,116,798
LIZARDI, JOSE E. 2,307,773
LOMBARDI, ALESSANDRO 2,157,002
LOPRESTI-MORROW, LORI LYNN 2,251,197
L'OREAL 2,061,692
L'OREAL 2,216,950
LOU, KEN-AN 2,245,767
LOUIS, JEFFREY S. 2,345,601
LOW, KIM C. 2,083,390

Index des brevets canadiens délivrés
27 juillet 2004

LUCENT TECHNOLOGIES INC. 2,315,132
LUDWIG, BARBARA ANN 2,286,773
LUND, ARNOLD M. 2,292,443
LYNDE, GERALD D. 2,227,601
LYS, IHOR A. 2,302,227
MAAHS, TRACY D. 2,289,685
MACCALLUM, HAAKON 2,244,692
MACHER, INGOLF 2,103,072
MACOR, JOHN EUGENE 2,350,089
MAEDA, TETSUO 2,249,087
MAEDA, YOZO 2,249,087
MAN B&W DIESEL LTD. 2,124,264
MANDZUK, RAYMOND A. 2,096,297
MARHOLD, ALBRECHT 2,243,591
MARKRAM AB 2,233,970
MARSHALL, RICHARD E. 2,286,611
MARTIN SHEET METAL, INC. 2,153,493
MARTIN, ROBERT P., JR. 2,153,493
MATSUBA, KENICHIRO 2,249,087
MATSUMOTO, SAICHI 2,124,136
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 2,316,213
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 2,423,867
MATTEL, INC. 2,343,955
MAY, JONATHAN 2,267,461
MC NICHOLS, KELLY 2,272,133
MCCABE, MICHAEL A. 2,234,199
MCCLURE, KIM FRANCIS 2,251,197
MCCOLLOUGH, EDWARD C. 2,171,454
MCHANEY, JAMES M. 2,200,555
MCINTOSH, ROBIN MAXWELL 2,103,468
MCMANUS, JEFFREY LAWRENCE 2,238,440
MCNEIL, KEVIN BENSON 2,286,773
MEAH, ABDUL REHMAN Y. 2,144,945
MEANS INDUSTRIES, INC. 2,309,216
MEHNERT, DAVID WEBB 2,215,824
MEIBOCK, ANTONIN A. 2,350,938
MENNITI, FRANK S. 2,219,911
MERCHANT, GULAMABBAS A. 2,367,023
MERRY, RICHARD P. 2,256,769
MESSINA, FRANK DOMENICK 2,282,181
METSO AUTOMATION OY 2,128,600
METSO PAPER INC. 2,253,570
METSO PAPER INC. 2,325,698
MEYER, CHARLES 2,255,513
MICROSOFT CORPORATION 2,137,745
MICU, ADRIAN I. 2,130,629
MIDDIONE, MARK ALBERT 2,256,025
MILACRON INC. 2,264,566
MILACRON INDUSTRIAL PRODUCTS, INC. 2,337,611
MILLER, REBECCA ANN 2,286,773
MILMAN, NELLY 2,358,395
MINDEN, JONATHAN 2,381,506
MINNESOTA MINING AND MANUFACTURING COMPANY 2,256,769
MISHIMA, KYOICHI 2,206,437
MITCHELL, PETER GEOFFREY 2,251,197
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,253,570
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,272,967
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,325,698
MITSUBOSHI BELTING LTD. 2,206,437
MITSUI CHEMICALS INC. 2,249,087
MIWA, MASASHI 2,352,589
MIYAZAKI, TOSHIYUKI 2,129,261
MOELLER MANUFACTURING CO., INC. 2,104,668
MONDI LIMITED 2,085,814
MONTGRAIN, LUC M. 2,321,133
MORAN, MARTIN J. 2,182,736
MORGAN, JEFFERY A. 2,345,601
MORI, KAZUAKI 2,282,441
MORIMOTO, TOSHIHISA 2,129,261
MORISE, KEIJI 2,199,894
MOTOROLA, INC. 2,302,502
MOTTET, MICHEL 2,212,921
MUELLER, GEORGE G. 2,302,227
MURAYAMA, RYUJI 2,129,261
MURRAY, ALISON J. 2,177,753
MURRAY, DICK A. 2,200,274
MUSHO, MATTHEW K. 2,177,753
NADKARNI, SADASHIV 2,321,133
NAGANO, KATSUTO 2,352,589
NAGASAWA, FUMIHIRO 2,244,910
NAGATA SANGYO CO., LTD. 2,129,261
NGUYEN, PHILIP D. 2,288,560
NICHOLLS, JOHN RAYMENT 2,156,081
NISSHIN PHARMA INC. 2,129,261
NOGAMI, KAZUO 2,282,441
NOONE, MICHAEL J. 2,272,779
NOONE, MICHAEL J. 2,272,783
NORMAN, LEWIS R. 2,234,199
NOVABRIK INTERNATIONAL INC. 2,220,413
OGAWA, RYUTA 2,316,213
OH, YOUNG HOON 2,320,233
O'HAVER-SMITH, DEBBIE 2,228,047
OKA, HIROAKI 2,316,213
OKAYASU, YOSHISADA 2,199,894
ORION CORPORATION 2,235,005
OTSUZUKI, SHIRO 2,249,087
OTTOPONI, THOMAS B. 2,062,702
OYAMA, HIDETO 2,272,730
PANASONIC COMMUNICATIONS CO., LTD. 2,281,040
PANK, THOMAS E. 2,236,354
PARENT, ANDRE 2,293,925
PATTERSON, KENNETH M. 2,358,616
PEACOCK, BOBBIE DON 2,438,352
PELLO, DENNIS HUMPHREY LOUIS 2,155,574
PFIZER INC. 2,219,911
PFIZER INC. 2,350,089
PFIZER PRODUCTS INC. 2,251,197
PFIZER PRODUCTS INC. 2,268,679
PFIZER PRODUCTS INC. 2,331,261
PICKLES, ERNEST C. 2,130,629
PIENAAR, FRANS ROELOF PETRUS 2,085,814
PILKINGTON GLASS LIMITED 2,103,468
POWELL, RONALD J. 2,234,199
PRESSTEK, INC. 2,246,542
PRICE, LISA N. 2,110,680
PRINCE, STEVEN RICHARD 2,215,824
PUGINIER, JEROME 2,056,371
PULVER, DALE A. 2,239,690
PUSKAS, JUDIT EVA 2,109,279
QINETIQ LIMITED 2,156,081
QUALCOMM INCORPORATED 2,216,635
QUALCOMM INCORPORATED 2,274,529
QUALCOMM INCORPORATED 2,285,043
QUARANTA, JOSEPH 2,272,779
QUARANTA, JOSEPH 2,272,783
QUIGLEY, SCOTT 2,177,778
QUIRK, RICHARD 2,103,468
R & C ASSETS PTY LIMITED 2,234,103
RACICOT, WILLIAM F. 2,182,736
RAMSDEN, JOHN NIGEL 2,124,264
RAMSHAW, COLIN 2,134,209
REBER, DEAN H. 2,264,566
REDWINE, NONA JANE 2,309,910
REED, JOHN DOUGLAS 2,302,502
REEVES, LISA MARIE 2,251,197
REICH, ALBERT 2,273,030
REITER, LAWRENCE ALAN 2,251,197
REMPEL, CORNELIUS N. 2,253,570
RICHARD, HERVE 2,216,950
RIDDEL, DANIEL J. 2,366,693
RIEPE, DIRK 2,372,482
RINZAKI, SHOICHI 2,225,238
RO, SEONG GU 2,320,233
ROBBINS, FRANK 2,191,393
ROBINSON, RALPH PELTON 2,251,197
ROGERS, HENRY E. 2,200,274
ROJEY, ALEXANDRE 2,112,639
ROMES, GARY E. 2,315,461
ROSENBERG, MIKAEL 2,123,422
RUDKOWSKI, JAN, BORIS 2,372,482
RUTTENBERG, GIDEON 2,091,357
SAARINEN, KARI 2,128,600
SAHOTA, S. GURKANWAL 2,274,529
SAINT GOBAIN VITRAGE INTERNATIONAL 2,089,115
SAITO, KYOJI 2,281,040
SAKUMA, KOUICHI 2,221,933
SALEEB, FOUAD ZAKI 2,284,423
SANOCKI, STEPHEN M. 2,256,769
SANTOS, GILMAR 2,253,570
SARMIENTO, ULLA 2,279,999
SAUL, JONATHAN R. 2,286,611
SAYEGH, SOHEIL I. 2,331,675
SCHERZINGER, LINDA RAE 2,286,773
SCHLUMBERGER CANADA LIMITED 2,190,811
SCHMIDT, KARL 2,162,698
SCHMITZ, DEBORAH CATHERINE 2,309,910
SCHNEIDER, MICHEL 2,056,371
SEMERIA, DIDIER 2,061,692

Index of Canadian Patents Issued
July 27, 2004

SEMLA, SUSAN J. 2,358,395
SENALDI, GIORGIO 2,279,999
SENNER, RALF 2,316,535
SHARP KABUSHIKI KAISHA 2,400,496
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,155,574
SHIMONO, KEN 2,316,213
SHIN, YOU SEUNG 2,320,233
SHIONOGI & CO., LTD. 2,124,136
SHIRAKAWA, YUKIHIKO 2,352,589
SHOWA DENKO K.K. 2,098,701
SHUCHART, CHRIS E. 2,234,199
SHULVER, IAN NIGEL WILLIAM 2,103,468
SIEGMUND, HANS-ULRICH 2,177,753
SINGH, PAUL P. 2,256,025
SIRIANNI, GIUSEPPE 2,332,959
SLABAUGH, BILLY F. 2,234,199
SMITH, WILLIAM J. 2,182,736
SONY CORPORATION 2,199,894
SONY CORPORATION 2,244,910
SORENSON DEVELOPMENT, INC. 2,307,302
SORENSON, JAMES L. 2,307,302
SPACESAVER CORPORATION 2,302,927
SPEED FRANCE 2,253,676
SPILLETT, CRIS TINA 2,062,702
STABLE SERVICES LIMITED 2,162,698
STAHL, KERMIT E. 2,272,779
STAHL, KERMIT E. 2,272,783
STANFORD, JAMES R. 2,288,560
STEICHEN, DALE S. 2,062,702
STELZER, UWE 2,243,591
STENZEL, KLAUS 2,243,591
STEPHENSON, JOHN 2,267,461
STERLING, GREG M. 2,136,385
STEWART, ARTHUR DEACEY 2,162,698
STONE, ROSS G. 2,201,237
STREAM-FLO INDUSTRIES LTD. 2,366,693
STUTZ, DAVID S. 2,137,745
SUGGS, KENNETH RANDALL 2,238,440
SUGIHARA, HIROKAZU 2,316,213
SUGIMOTO, RYUICHI 2,249,087
SULLAWAY BOBBY L. 2,200,274
SUM, PHAIK-ENG 2,103,861
SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO., LTD. 2,340,957
SUZUKI MANUFACTURING, LTD. 2,221,933
SVENSSON, JOHN E. 2,350,938
TAKAHASHI, JUNICHI 2,282,441
TAKARA CO., LTD. 2,360,698
TAKETANI, MAKOTO 2,316,213
TAMBRANDS, INC. 2,087,130
TANAKA, YOSHINOBU 2,159,016
TARBET, BRYON J. 2,162,270
TASSOUDJI, ALI 2,285,043
TATEISHI, ART 2,420,632
TDK CORPORATION 2,352,589
TERRACINA, JOHN M. 2,234,199
TESTA, RAYMOND T. 2,103,861
THE CLOROX COMPANY 2,062,702
THE COE MANUFACTURING COMPANY 2,144,120
THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE CRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,069,900
THE HOOVER COMPANY 2,325,149
THE HOOVER COMPANY 2,345,601
THE PROCTER & GAMBLE COMPANY 2,286,773
THE PROCTER & GAMBLE COMPANY 2,309,910
THE PROCTER & GAMBLE COMPANY 2,332,959
THE QUAKER OATS COMPANY 2,182,736
THOMAS, ANDREW DONALD 2,220,054
THOMAS, KEVIN L. 2,345,601
THOMPSON, IAN ANDREW 2,234,103
THOMPSON, SUZANNE M 2,062,702
TIDWELL, STEPHEN B. 2,285,043
TIEDEMANN, EDWARD G., JR. 2,216,635
TIEMANN, RALF 2,243,591
TOYO ENGINEERING CORPORATION 2,249,087
TRANI, MARINA 2,332,959
TREMBLEY, ROBERT 2,446,055
TUBEL, PAULO S. 2,227,601
TURNER, BRENT H. 2,350,938
TYCO TELECOMMUNICATIONS (US) INC. 2,282,181
UNISEARCH LTD. 2,220,054
UNITED DEFENSE LP 2,256,025
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 2,315,132
URSCHELER, ROBERT 2,325,698
UTECH, JAMES R. 2,264,566
VAN EGERAAT, HENDRIK A 2,292,048
VANLERBERGHE, GUY 2,061,692
VASA, BEN 2,191,393
VAUGHN, GLEN A. 2,316,970
VETROTEX FRANCE S.A. 2,212,921
VIASAT, INC. 2,331,675
VISSCHER, RONALD BOSMAN 2,309,910
WAGGONER, ALAN 2,381,506
WANG, SHU-SHAW (PETER) 2,302,502
WANGNER SYSTEMS CORPORATION 2,177,778
WARRICK, JAMES C. 2,245,767
WATANABE, MASANORI 2,282,441
WEAVER, JIM D. 2,288,560
WEAVER, LINDSAY A., JR. 2,216,635
WEBER AIRCRAFT LP 2,245,767
WECO ELECTRICAL CONNECTORS INC. 2,307,922
WEDECO AG WATER TECHNOLOGY 2,372,482
WESSEL, PAUL THOMAS 2,343,859
WHIRLPOOL CORPORATION 2,130,629
WINTERTON, REED F. 2,307,302
WOOD, TIM 2,267,461
WRIGHT, DENNIS W. 2,286,611
WYETH HOLDINGS CORPORATION 2,103,861
WYTHES, MARTIN JAMES 2,350,089
XANTREX INTERNATIONAL 2,244,692
YACOUB, PATRICK 2,307,922
YAMAMOTO, HIROAKI 2,199,894
YAMAMOTO, YUJI 2,098,701
YAMANAKA, NOBUO 2,121,491
YAMANE, AKIHIKO 2,215,412
YAMANE, AKIYOSHI 2,215,412
YANIV, GERSHON 2,245,767
YARITZ, JOSPEH G. 2,234,199
YASHIKI, TADAO 2,272,967
YIN, TSO-KUO 2,340,957
YOCUM, SUE ANN 2,251,197
YOKOTANI, HITOSHI 2,228,108
YOSHINO KOGYOSHO CO., LTD. 2,121,491
YUEN, HENRY C. 2,134,344
YUHAS, JAMES 2,245,767
ZHOU, OTTO 2,315,132
ZHU, WEI 2,315,132
ZIELSKE, ALFRED G. 2,062,702
ZIMMERMAN, CHRISTOPHER A. 2,137,745
ZUCCARINI, ANTHONY MARK 2,373,581
ZYSMAN, ALEXANDRE 2,061,692

Index of Canadian Applications Open to Public Inspection

July 4, 2004 - July 10, 2004

Index des demandes canadiennes mises à la disponibilité du public

4 juillet 2004 - 10 juillet 2004

ADLER, SCOTT 2,454,900
AERIELLE GROUP INTERNATIONAL INC. 2,455,015
AJAO, DIRAN 2,454,741
ALBRECHT, BRIAN 2,454,900
ALBUMS DF LTEE 2,416,002
ALCON, INC. 2,450,048
ALEXANDER, GREGORY ALLEN 2,415,629
ALEXANDRE, ALEX 2,415,993
ALLAN BLOCK CORPORATION 2,432,660
ALTENLOH, BRINCK & CO. GMBH & CO. KG 2,452,521
ALUMINIUM-SALZSCHLACKE AUFBEREITUNGS GMBH 2,454,952
ALVARADO, DOUGLAS 2,452,286
ALVARADO, DOUGLAS 2,452,949
ALVARADO, DOUGLAS 2,453,479
ANDERSEN, DAN KEITH 2,415,603
ANDERSEN, DAN KEITH 2,415,625
ANDERSON, RON 2,413,172
ANDREW, MICHAEL A. 2,453,796
ARCHIBALD, PETER JAMES 2,415,427
ARNOLD, KENNY M. 2,454,441
ARTHUR, ALAN R. 2,438,443
ASH, CLARENCE ALBERT 2,454,922
ASHLAND PRODUCTS, INC. 2,435,182
ASPHALT ZIPPER 2,453,806
ATRONIC INTERNATIONAL GMBH 2,450,626
BAILEY, MARK SAMUEL 2,454,922
BALA, ARAVIND 2,452,993
BALDWIN, JOHN R. 2,454,012
BALLARD POWER SYSTEMS INC. 2,455,063
BAMBACIGNO, JOHN A. 2,455,020
BARTH, CHRISTIAN 2,415,705
BAYER AKTIENGESELLSCHAFT 2,454,455
BAYER AKTIENGESELLSCHAFT 2,454,875
BEGEMANN, MICHAEL 2,454,206
BERRY, CURTIS L. 2,451,348
BIBEE, DOUGLAS V. 2,454,923
BIGDEN, JONATHAN D.C. 2,453,205
BILODEAU, THOMAS D. 2,415,605
BLACK & DECKER INC. 2,453,205
BLACK & DECKER INC. 2,454,813
BLAIS, MICHEL 2,429,732
BLANCHET, MARC 2,419,087
BLOOM, JOHN 2,415,797
BOGA, MUNIRUN 2,415,799
BOTT, TIMOTHY A. 2,432,660
BOUDREAULT, JEAN-FRANCOIS 2,419,087
BOYER, CHRISTOPHER T. 2,416,370
BOYER, CHRISTOPHER T. 2,416,413
BRIGHT, MICHAEL W. 2,454,974
BROWN, WENDY 2,453,692
BUCKROYD, JAMES DAVID 2,430,390
BURTON, MAXIMILLIAN PHILIP 2,455,023
BUSATTO, DANIEL 2,416,002
C & L ENVIRONMENTAL SERVICES LTD. 2,416,076
CABELKA, BRIAN CLARENCE 2,416,076
CALIFORNIA INNOVATIONS INC. 2,415,995
CALLIAS, FRANCOIS 2,448,316
CAO, JAMES 2,453,727
CAREY, DANIEL 2,452,826
CHABOT, GERALD 2,420,369
CHABOT, MARC 2,420,369
CHAMPAGNE, MICHEL 2,429,732
CHAN, CHI FAI 2,452,278
CHAN, CHI FAI 2,452,964
CHAN, CHI FAI 2,453,745
CHARLES, STEVEN T. 2,450,048
CHARNEY, DOUGLAS 2,451,316
CHARNEY, DOUGLAS 2,452,949
CHARNEY, DOUGLAS 2,453,479
CHARNEY, DOUGLAS 2,453,691
CHARNEY, DOUGLAS 2,453,795
CHE, KENNY VENG HONG 2,452,937
CHEVRONTEXACO JAPAN LTD. 2,454,713
CHEVRONTEXACO JAPAN LTD. 2,454,851
COHEN, ARTHUR L. 2,455,015
COLE, DAVID PETER 2,454,843
COLLINS, SCOTT 2,453,686
COMPAGNIE DU SOL 2,454,893
CONDRASKY, JOHN P. 2,454,932
CONFLUENT TECHNOLOGIES INC. 2,415,802
COOK, LARRY J. 2,454,957
COOPER, KENNETH H. 2,448,108
CORLEY, LEON W., JR. 2,449,757
CORVIN, JOHN H. 2,448,928
CRANE, JEFFREY V.F. 2,415,605
CREDO TECHNOLOGY CORPORATION 2,454,900
CREST FOAM INDUSTRIES. INC. 2,446,030
CURELET-BALAN, GHEORGHE 2,416,098
DAISY MANUFACTURING CO. 2,455,094
DAISY MANUFACTURING CO. 2,455,104
DANIEL, PATRICK 2,454,590
DANTZLER, ERNEST RAYMOND III 2,455,025
DAS, NRIPENDRA NATH 2,454,922
DASSOULAS, STEPHEN C. 2,453,205
DEERE & COMPANY 2,451,064
DEERE & COMPANY 2,451,066
DEERE & COMPANY 2,451,722
DEERE & COMPANY 2,451,731
DEERE & COMPANY 2,451,732
DELMAN, JOEL G. 2,416,370
DENIAU, ALAIN 2,454,893
DEPIANO, JOHN JR. 2,427,510
DERRETH, JAMES J. 2,453,205
DETMERS, ANDREAS 2,449,619
DEWBERRY, JAMES T. 2,454,996
DI STASIO, ANTHONY A. 2,446,030
DICKE, ROBERT 2,452,521
DIEHL, ARNE J. 2,448,108
DOOLEY, WILLIAM T. 2,452,244
DOSANJH, SATHWANT 2,415,917
DOW GLOBAL TECHNOLOGIES INC. 2,454,507
DOW GLOBAL TECHNOLOGIES INC. 2,454,923
DOWD, EDWARD MICHAEL 2,454,884
DRUMMOND, ALEC 2,454,934
DRYALL, STEVEN 2,415,802
DUBLISH, PRATUL 2,454,842
DURY, JAMES 2,453,724
DURY, JAMES 2,453,857
DZIERSK, MARK DIETER 2,427,510
E3 WORKS INTERNATIONAL INC. 2,415,799
EAVES, VERN 2,415,298
EDDOWES, MILES HUGH 2,427,510
EDMONDS, HEATHER 2,438,443
ERHARDT, PAUL 2,455,023
ESCHA BAUELEMENTE GMBH 2,454,234
EVANS, JEREMY MICHAEL 2,415,626
EVANS, JOHN D. 2,415,626
EVENTSHOTS.COM INCORPORATED 2,454,885
FANDELLA, SERGIO 2,454,870
FARMER-AUTOMATIC JOSEF KUHLMANN GMBH & CO. KG 2,454,956
FAURECIA AUTOMOTIVE SEATING CANADA LIMITED 2,454,590

Index of Canadian Applications Open to Public Inspection
July 4, 2004 - July 10, 2004

FEIGE, REINHARD 2,454,952
FELDMAN, JASON LEE 2,455,025
FORT, W. GRADY II 2,455,094
FORT, W. GRADY II 2,455,104
FOUGERE, MYLES J. 2,415,427
FOUGERE, ROBERT VINCENT 2,415,427
FOX, MARTIN D. 2,454,012
FRITZ, DOUGLAS P. 2,452,826
GAERTNER, GABRIEL 2,416,141
GALLANT, MEL 2,454,972
GANZER, DIRK 2,454,875
GAUSELMANN, MICHAEL 2,450,626
GBM RIVET & FASTENERS INC. 2,415,669
GEER, GARRET F. 2,454,507
GENERAL ELECTRIC COMPANY 2,430,390
GENERAL ELECTRIC COMPANY 2,454,739
GENERAL ELECTRIC COMPANY 2,454,922
GENERAL KINEMATICS CORPORATION 2,453,630
GENERAL MILLS, INC. 2,454,741
GEOFFRION, JAMES W. 2,454,741
GEORGIA-PACIFIC FRANCE 2,453,041
GERBER, DOUGLAS E. 2,448,108
GERBER, RICKEY L. 2,449,537
GERBER, RICKEY L. 2,449,548
GERBER, RICKEY L. 2,450,120
GERRITSEN, JOHN T. 2,416,370
GERRITSEN, JOHN T. 2,416,413
GIBFORD, GAIL EILEEN 2,427,510
GLISSMAN, JOHN 2,455,015
GOTTSACKER, NEAL F. 2,424,843
GRANT, JEFFREY P. 2,453,205
GREENGLADE CONSTRUCTION LTD. 2,415,698
GREER, ROBERT W., IV 2,455,019
GREWAL, JAGLIT S. 2,453,727
GUDMESTAD, TARALD 2,454,594
GUNYAKI, CAGLAR 2,454,842
GURSOY, ERKAN 2,454,781
HABASIT AG 2,454,870
HAGER, GRANT 2,415,698
HAIDER, JOACHIM 2,454,455
HAIDER, JOACHIM 2,454,875
HARBACH, CLAUS 2,449,619
HARKNESS, CHRISTOPHER LEE 2,455,025
HAROLDSEN, J. TRON 2,453,806
HARVEY, JULES 2,454,513
HAY, ARTHUR D. 2,455,101
HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT 2,449,619
HENNECKE GMBH 2,454,206
HENSLEY, GARY L. 2,454,929
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 2,438,443
HEXAGO INC. 2,419,087
HICKINGBOTHAM, DYSON W. 2,450,048
HILPERT, LEE 2,454,929
HIN, YUNG LEONG 2,423,400
HO, ALEC 2,452,937
HODALI, NADER 2,453,727
HOFER, GILBERT 2,419,331
HOFFMAN, COREY 2,454,840
HOLDEN, CLEMENT JAMES 2,415,905
HOLT, MARK W. 2,415,605
HOME DEPOT U.S.A., INC. 2,455,025
HONDA MOTOR CO., LTD. 2,454,359
HONG, JIANHUI 2,454,441
HOUPT, PAUL K. 2,454,739
HUBBELL INCORPORATED 2,454,012
HUGHES, AIDEN T. 2,454,842
HUNDAL, SUKHDEEP S. 2,451,285
HUNDAL, SUKHDEEP S. 2,451,304
HUNDAL, SUKHDEEP S. 2,453,790
HUTCHISON-HAYES INTERNATIONAL, INC. 2,454,929
HYDRO QUEBEC 2,416,275
INDUSTRIES MAILHOT INC. 2,415,982
INGLEHART, KARL D. 2,455,063
INPHONIC, INC. 2,454,962
INTELLIGENT PHOTONICS CONTROL CORP. 2,454,894
INTERNATIONAL THERMAL INVESTMENTS LTD. 2,415,905
ITO, HIDEKI 2,444,757
ITW GEMA AG 2,453,866
J & R LIVESTOCK CONSULTANTS LTD. 2,419,331
JAMISON DOOR COMPANY 2,451,348
JANE SANTAMARIA, MANUEL 2,454,978
JANES, S.A. 2,454,978
JANSSEN, HOLGER 2,452,937
JANSSEN, HOLGER 2,453,724
JANSSEN, HOLGER 2,453,857
JAY, PAUL R. 2,454,894
JOHN ZINK COMPANY, LLC 2,454,441
JOMPHE, JULIEN 2,453,354
JONES, MIKE 2,454,924
JULICH, PAUL M. 2,454,739
KABUSHIKI KAISHA TOSHIBA 2,454,938
KAJIWARA, TOMOYUKI 2,444,757
KEATON, MILES R. 2,451,064
KEATON, MILES RAYMOND 2,451,722
KEATON, MILES RAYMOND 2,451,731
KENNEDY, CHRISTINE ELIZABETH 2,427,510
KENNEDY, TIM 2,454,888
KENT-FAWKES, ROD 2,422,872
KERULIS, PATRICK 2,455,023
KHALIL, DAVID 2,423,400
KISAK, JEFFREY 2,454,739
KLASSEN, HERBERT D. 2,414,545
KOBAYASHI, TOSHIRO 2,444,757
KONTOROVICH, BORIS 2,454,888
KOPEC, PETER J. 2,416,370
KOPRAS, ROBERT K. 2,454,900
KOPRIVICA, MILOSH 2,453,790
KOVACH, MICHAEL G. 2,449,537
KOVACH, MICHAEL G. 2,449,548
KOVACH, MICHAEL G. 2,450,120
KRAUS, RICHARD B. 2,453,630
KROPP, STEPHEN GEORGE 2,453,727
KT HOLDINGS LTD. 2,454,284
KUCZMA, ANDY 2,454,884
KUEHLMANN, JOSEF 2,454,956
KULTGEN, RAYMOND J. 2,454,752
KUMAR, AJITH K. 2,454,739
KUNG, WILLIAM 2,415,668
KUNG, WILLIAM 2,415,917
KUNZ, KLAUS 2,454,875
LACEY, TIMOTHY 2,454,507
LACEY, TIMOTHY C. 2,454,923
LACHANCE, BENOIT 2,415,270
LANCTOT, MARIO 2,414,773
LANG, ALEXANDER C. 2,454,886
LANGE, JAY D. 2,454,741
LASSEN, BERND 2,449,619
LAVOIE, ANDRE 2,415,153
LAVOIE, DENIS 2,455,868
LAVOIE, ERIC 2,416,275
LAY, GORDON W. 2,414,568
LEE, SHEN-BA 2,415,640
LEU, SHAWN A. 2,454,752
LEUNG, WAI HUNG 2,452,964
LEUNG, WAI HUNG 2,453,469
LEUNG, WAI-HUNG 2,453,055
LEUSNER, STEVEN J. 2,454,741
LIN, YVONNE 2,455,023
LIU, IAN 2,452,937
LOUIE, GARY 2,453,724
LOUIE, GARY 2,453,857
LUMBERG AUTOMATION COMPONENTS GMBH & CO. KG 2,454,234
LUPKE, MANFRED A. A. 2,416,083
LUPKE, STEFAN A. 2,416,083
LUTZ, STEPHAN 2,455,063
LYTELL, MARK R. 2,416,370
MADER, SVEN 2,449,619
MAINVILLE, LUC 2,415,982
MAKAROV, SERGEY V. 2,448,108
MALAKA, MARK D. 2,415,669
MALONE, BRUCE A. 2,454,507
MALONE, BRUCE A. 2,454,923
MANKU, TAJINDER 2,415,917
MATHE, STEPHEN S. 2,454,739
MATHEW, ABRAHAM 2,454,843
MATHIEU, FABRICE 2,454,893
MATOUSEK, ROBERT A. 2,423,400
MAYER, YARON 2,451,945
MAZUR, RICHARD J. 2,448,928
MAZUR, RICHARD J. 2,454,954
MCKAY, NICHOLAS D., JR. 2,454,838
MEIER, CHRISTIAN 2,449,619
MELVIN, JASON R. 2,453,205
MERKER, GERHARD 2,454,952
METAL FORMS CORPORATION 2,454,121
METAVANTE CORPORATION 2,424,843
MEYER, MAURICE ROSE 2,454,779
MICINILIO, GREGG A. 2,453,796
MICROSOFT CORPORATION 2,452,993
MICROSOFT CORPORATION 2,454,842
MICROSOFT CORPORATION 2,454,843
MILLER, THOMAS E. 2,454,121
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,444,757

Index des demandes canadiennes mises à la disponibilité du public
4 juillet 2004 - 10 juillet 2004

MOGIL, MELVIN SHELDON 2,415,995
MOLOO, IMITIAZ 2,415,799
MOORES, ROBERT G., JR. 2,453,205
MORGAN, BEN R. 2,414,913
MORIGA, TAKUYA 2,444,757
MOTOROLA, INC. 2,454,151
MOTOROLA, INC. 2,454,974
MURPHY, JOHN S. 2,423,400
MURPHY, MARK V. 2,435,182
MURRAY, MARK J. 2,454,594
NACHAI, MIKE 2,415,605
NAKAZAWA, TAKESHI 2,454,359
NELSON, SCOTT D. 2,454,739
NEVEU, JEAN-LOUIS 2,453,041
NGAI, KWOK HING 2,453,745
NICHOLS, WILLIAM B. 2,451,348
NIX, JEREMY K. 2,453,806
NOVILLE, INC. 2,452,826
O'BOYLE, THOMAS GERARD 2,453,054
O'CONNOR, LAWRENCE J. 2,454,284
OGLE, PETER 2,455,101
OHTA, SATOSHI 2,454,713
OHTA, SATOSHI 2,454,851
OKAMOTO CHEMICAL INDUSTRY CO., LTD. 2,448,029
OMDOLL, PAUL A. 2,453,686
ORTIZ-VALERO, CARLOS 2,427,510
OSTER, HEINZ GUNTER 2,415,705
OUELLETTE, JEAN-MARC 2,416,008
OWEN, JAMES G. 2,453,918
OZAKI, JUN 2,448,029
PAASCH, BURKHARD 2,449,619
PANNOZZO, ANTHONY 2,427,510
PARENT, FLORENT 2,419,087
PATAMIKAKORN, CHARITA 2,454,888
PAULSEN, LARS 2,449,619
PAWLIK, WOLFGANG 2,454,206
PENFOLD, GARN 2,451,722
PETERSON, ERIK C. 2,454,121
PETITCLERC, MARTIN 2,414,562
PETTIT, DEAN 2,435,182
PHILP, RETO 2,448,316
PHONAK COMMUNICATIONS AG 2,448,316
PIKE, BRIAN JOHN 2,454,884
PILCHER, NGAI KWOK HING 2,453,469
PLATZ, RAINER 2,448,316
PLEDGE, PETER E. 2,414,659
POOLE, AUGUSTUS DAVIS JR. 2,455,025
POTHIBOON, SUPAJET G. 2,451,285
POTHIBOON, SUPAJET G. 2,451,304
PPG INDUSTRIES OHIO, INC. 2,455,019
PROMMEL, MARK 2,454,934
QUINN, IRIS 2,414,904
REFRIGERATION NOEL INC. 2,415,993
REMINGTON PRODUCTS COMPANY, L.L.C. 2,453,796
RENDINA, DAVID D. 2,429,863
RESEARCH IN MOTION LIMITED 2,416,098
RESTIS, THOMAS 2,455,023
RIBARIC, ZELJKO 2,454,894
ROBINSON, ROBERT 2,455,101
ROCKENFELLER, UWE 2,452,244
ROCKY RESEARCH 2,452,244
ROGALSKI, GARY 2,452,286
ROGALSKI, GARY 2,452,957
ROGALSKI, GARY 2,453,691
ROGALSKI, GARY 2,453,692
ROHRBACK COSASCO SYSTEMS, INC. 2,426,908
ROMAN, ROBERT J. 2,451,064
ROOD, LEONARD D. 2,444,714
ROYAL APPLIANCE MFG. CO. 2,423,400
RUDOWICZ, MICHAEL 2,454,151
RUSSIN, ALEXANDRU CEZAR 2,417,418
RYLANDER, DAVID JAMES 2,451,722
RYLANDER, DAVID JAMES 2,451,731
RYLEY, GORDON 2,452,535
RYLEY, GORDON 2,453,795
SADLER, JOHN 2,454,813
SANWALD, MARCO 2,453,866
SARKISIAN, PAUL 2,452,244
SCHARPF, ROBERT N. 2,454,996
SCHMIDT, ALAN A. 2,424,843
SCHMIDT, WERNER 2,454,234
SCHOELLER WAVIN SYSTEMS SERVICES GMBH 2,415,705
SCHOLZ, ULRICH 2,454,455
SCHOLZ, ULRICH 2,454,875
SCHWEIKERT, DAVID E. 2,454,887
SCHWEIKERT, DAVID E. 2,454,996
SEYMOUR, LOU 2,454,944
SHAFFER, GLENN 2,454,739
SHAFFER, RONALD L., II 2,454,974
SHAW, BRADFORD W. 2,454,888
SICHENEDER, ADOLF 2,454,455
SICHENEDER, ADOLF 2,454,875
SIEBEN, KLAUS 2,454,206
SIRIFIC WIRELESS CORPORATION 2,415,668
SIRIFIC WIRELESS CORPORATION 2,415,917
SMITH, JOSEPH D. 2,454,441
SMITH, RICHARD ANTHONY 2,430,390
SNYDER, CHRISTOPHER EUGENE 2,415,668
STEENSMA, CRAIG A. 2,454,885
STEINBERG, DAVID A. 2,454,962
STEPHENS, LYLE E. 2,451,064
STEYER, JUERGEN 2,454,952
STIER, ROGER E. 2,452,826
STOPA, GARRY 2,455,066
STRANSKY, MARK A. 2,448,108
TATE, CLARE 2,454,813
THE COLMAN GROUP, INC. 2,453,686
THE EVERCARE COMPANY 2,454,838
THE HOOVER COMPANY 2,448,108
THE LOAD & A-2-B COMPANY INC. 2,415,605
THEISS, WILLIAM H., JR. 2,448,108
THIEMKE, DANIEL BRUCE 2,451,066
THIEMKE, DANIEL BRUCE 2,451,722
THIEMKE, DANIEL BRUCE 2,451,732
THOEN, LORNE 2,415,980
THOMAS INDUSTRIES INC. 2,454,752
THOMPSON, WILLIAM HENSEN 2,451,731
TIEFNIG, EUGEN 2,426,908
TIMEPLANNER CALENDARS, INC. 2,453,054
TISCHLER, RALPH 2,452,216
TISCHLER, RALPH 2,452,286
TISCHLER, RALPH 2,452,535
TOBIN, RICHARD NEIL 2,453,796
TOMLINSON, THOMAS JOHN 2,454,922
TSANG, HEI MING 2,452,964
TSE, WING NAM 2,452,278
TURCK, DIETRICH 2,454,234
UIHLEIN, MARKUS 2,449,619
UMEHARA, KATSUMI 2,454,713
UMEHARA, KATSUMI 2,454,851
UNILEVER PLC 2,427,510
UZUMCU, AL 2,454,900
VALDEZ, JOSE M. 2,451,064
VALDEZ, JOSE M. 2,451,066
VALDEZ, JOSE M. 2,451,722
VAN LENGERICH, BERNHARD H. 2,454,741
VANDERLEE, JAMES ANDREW 2,415,629
VANDERSNICK, TODD EDWARD 2,451,722
VORRDENBURG, STEVEN 2,455,023
VTECH TELECOMMUNICATIONS LIMITED 2,451,285
VTECH TELECOMMUNICATIONS LIMITED 2,451,304
VTECH TELECOMMUNICATIONS LIMITED 2,451,316
VTECH TELECOMMUNICATIONS LIMITED 2,452,216
VTECH TELECOMMUNICATIONS LIMITED 2,452,278
VTECH TELECOMMUNICATIONS LIMITED 2,452,286
VTECH TELECOMMUNICATIONS LIMITED 2,452,535
VTECH TELECOMMUNICATIONS LIMITED 2,452,937
VTECH TELECOMMUNICATIONS LIMITED 2,452,949
VTECH TELECOMMUNICATIONS LIMITED 2,452,957
VTECH TELECOMMUNICATIONS LIMITED 2,452,964
VTECH TELECOMMUNICATIONS LIMITED 2,453,055

VTECH TELECOMMUNICATIONS LIMITED	2,453,469
VTECH TELECOMMUNICATIONS LIMITED	2,453,479
VTECH TELECOMMUNICATIONS LIMITED	2,453,691
VTECH TELECOMMUNICATIONS LIMITED	2,453,692
VTECH TELECOMMUNICATIONS LIMITED	2,453,724
VTECH TELECOMMUNICATIONS LIMITED	2,453,727
VTECH TELECOMMUNICATIONS LIMITED	2,453,745
VTECH TELECOMMUNICATIONS LIMITED	2,453,790
VTECH TELECOMMUNICATIONS LIMITED	2,453,795
VTECH TELECOMMUNICATIONS LIMITED	2,453,857
WANG, ZHAOYU	2,455,063
WATANABE, HIROSHI	2,454,713
WATANABE, HIROSHI	2,454,851
WATSON, TERRY	2,455,121
WEATHERFORD/LAMB, INC.	2,454,594
WEATHERFORD/LAMB, INC.	2,454,840
WEATHERFORD/LAMB, INC.	2,454,884
WEATHERFORD/LAMB, INC.	2,455,101
WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	2,448,928
WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	2,449,757
WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	2,454,887
WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	2,454,932
WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	2,454,954
WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	2,454,996
WHITE, CARLY	2,454,888
WILCOX, JOHN	2,453,796
WILLS, HAROLD S.	2,454,962
WILSON, PAUL	2,454,840
WIRTH, JUERGEN	2,454,206
WKI HOLDING COMPANY, INC.	2,454,888
WKI HOLDING COMPANY, INC.	2,454,934
WKI HOLDING COMPANY, INC.	2,455,023
WMH TOOL GROUP, INC.	2,416,370
WMH TOOL GROUP, INC.	2,416,413
WONG, ALLAN CHI-YUN	2,452,535
WONG, ARGUS C. W.	2,453,055
WONG, KENT	2,452,286
WONG, SEAN	2,453,724
WONG, SEAN	2,453,857
WOOD, JAMES A.	2,448,928
WOOD, JAMES A.	2,454,887
WOOD, JAMES A.	2,454,932
WOOD, JAMES A.	2,454,954
WRIGHT, MICHAEL F.	2,423,400
YAKUSHI, KOJI	2,454,938
YAMADA, TAMOTSU	2,444,757
YAMAZAKI, MASAKI	2,454,359
YAZDI, REZA AHMADIAN	2,452,937
YU, YAT SHUN (DAMIEN)	2,452,937
ZAMANSKY, NOAH	2,454,934
ZHANG, TONY T.	2,414,546
ZIETLOW, PHILIP K.	2,454,741
ZINTZEN, BERNHARD	2,449,619

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

3M INNOVATIVE PROPERTIES COMPANY 2,466,481
454 CORPORATION 2,465,283
AALBORG INDUSTRIES A/S 2,466,564
ABERDEEN ORTHOPAEDIC DEVELOPMENTS LIMITED 2,466,674
ABMAXIS, INC. 2,465,178
ABRIBAT, BENOIT 2,466,831
ACCENTURE GLOBAL SERVICES GMBH 2,464,909
ADAMS, PUAL ROBERT 2,466,932
ADAMS, STEWART T. 2,466,408
ADVANCED PHYTONICS LIMITED 2,465,918
AHLSTROM GLASSFIBRE OY 2,466,576
AHRENFELDT, HENRIK 2,466,587
AJANI, MAURO 2,465,832
AKHTAR, MASOOD 2,466,505
AKZO NOBEL N.V. 2,463,636
ALCON, INC. 2,466,499
ALDERMAN, ROBERT MICHAEL 2,462,827
ALLEN, JEFFREY R. 2,465,048
ALLEN, RANDY LEIMAN 2,465,519
ALLEN, ROBERT J. 2,466,362
ALLEN-PETIT, SYLVIE 2,466,432
ALSOBROOK, JOHN P., II 2,465,239
ALTAREX MEDICAL CORP. 2,464,947
ALUMINIUM PECHINEY 2,464,340
AMENDT, CHRISTIANE 2,465,744
AMERSHAM BIOSCIENCES (SV) CORP. 2,464,839
AMNIOTEC INC. 2,466,903
AMUNDSEN, THOMAS 2,465,892
ANALIZA, INC. 2,466,663
ANDERSON, DAVID W. 2,465,239
ANDERSON, DIRK M. 2,461,343
ANDREUCCI, DANIELE 2,466,112
APPLERA CORPORATION 2,468,425
AREVA T&D SA 2,466,666
ARKIN, DAWN A. 2,466,308
ARNOLD, GLENN C. 2,466,924
ARONHIME, JUDITH 2,465,913
ASCRIPTUS, INC. 2,466,273
ASTRAZENECA AB 2,466,916
ATALA, ANTHONY 2,466,487
ATHEROGENICS, INC. 2,466,081
ATHPHARMA 2,466,422
ATMEL CORPORATION 2,465,843
ATRIUM MEDICAL CORPORATION 2,466,432
AUGUSTIN, STEPHAN 2,466,673
AVENTIS PHARMA S.A. 2,465,691
AVENTIS PHARMA S.A. 2,465,695
AVENTIS PHARMA S.A. 2,465,877
AVENTIS PHARMA S.A. 2,466,813
AYAN, JORDAN E. 2,466,178
BABIN, DIDIER 2,466,813
BABU, YARLAGADDA S. 2,466,301
BACQUE, ERIC 2,465,691
BACQUE, ERIC 2,465,877
BAKALE, ROGER P. 2,466,806
BAKER HUGHES INCORPORATED 2,465,797
BAKER HUGHES INCORPORATED 2,466,921
BAKER, GORDON 2,466,476
BALLY, KURT R. 2,466,423
BALTHES, GARRY E. 2,465,881
BARAK, SHAUL 2,465,829
BARBARICH, THOMAS J. 2,466,350
BARF, TJEERD 2,466,490
BARGAJE, VIJAYA MILIND 2,465,823
BARMAN, BRUCE G. 2,465,578
BARNES, CHRISTOPHER 2,465,713
BARTHELEMY, CHRISTIAN 2,464,340
BASF AKTIENGESELLSCHAFT 2,466,295
BATES, DANIEL L. 2,466,924
BAUDESSON, PHILIPPE 2,466,666
BAUMGARTEN, STEVEN NEIL 2,462,827
BAUMGARTNER, JOSEPH ERNEST 2,466,441
BAUSCH & LOMB INCORPORATED 2,466,092
BAUSCH & LOMB INCORPORATED 2,468,289
BAYLOR COLLEGE OF MEDICINE 2,464,887
BE ABLE, LLC 2,466,355
BECHTEL, JON H. 2,465,826
BECKER, THOMAS 2,466,475
BEDNARZ, BERNARD 2,465,915
BEGUM, SELIMA 2,465,890
BEHAL, VIDUR 2,465,823
BENGTSSON, JAN 2,466,594
BENTFIELD EUROPE B.V. 2,466,446
BESEMER, ARIE CORNELIS 2,466,361
BESSANT, CONRAD 2,444,052
BEYER, CHRISTIAN 2,466,571
BHATT, DARSHNA 2,466,376
BH-F (ENGINEERING) LTD. 2,465,768
BIGOT, ANTONY 2,465,691
BIGOT, ANTONY 2,465,695
BIGOT, ANTONY 2,465,877
BILKEY, CHRIS R. 2,464,707
BIOCRYST PHARMACEUTICALS, INC. 2,466,301
BIOGEN, INC. 2,464,887
BIOPULPING INTERNATIONAL, INC. 2,466,505
BIOVITRUM AB 2,466,490
BIOVITRUM AB 2,466,491
BIRKBECK COLLEGE 2,465,377
BIRKER, PAUL JOHAN MARIE WILLEM LOUIS 2,465,823
BISCHOF, THOMAS 2,465,694
BISEGNA, PAOLO 2,466,112
BLANZ, JOSEF 2,466,352
BLOMQVIST, RAINER 2,466,576
BOATWRIGHT, FLOYD 2,465,781
BOCH, RONALD ERWIN 2,466,425
BOCH, RONALD ERWIN 2,466,437
BOLDOG, FERENC L. 2,465,239
BOMBARDIER RECREATIONAL PRODUCTS INC. 2,467,537
BOMBARDIER, CHARLES 2,467,537
BOSTON SCIENTIFIC LIMITED 2,466,817
BOTTOMLEY, LAWRENCE A. 2,464,880
BOUCHARD, HERVE 2,466,813
BOULDER SCIENTIFIC COMPANY 2,466,308
BOUMANS, JOHANNES WILHELMUS LEONARDUS 2,466,361
BOY, HERMANN 2,466,571
BRADDOCK, CHARLES 2,465,781
BRAITHWAITE, PHILIP 2,466,448
BRAMBILLA, MASSIMO 2,466,369
BRANDES, LORNE J. 2,465,916
BRENNAN, JAMES WILLIAM 2,466,527
BRENNAN, PAUL JOSEPH 2,462,827
BREWER, PETER, RUSSELL 2,466,527
BREZINA, JURGEN 2,466,571
BRICE, TONY J. 2,465,801
BRIGNOLI, GIAMPAOLO 2,466,369
BROWN, DALE G. 2,466,696
BROWNELL, VERN 2,444,066
BTG INTERNATIONAL LIMITED 2,466,832
BUCHSBAUM, DONALD J. 2,465,040
BUCHSBAUM, DONALD J. 2,465,314
BUI, SON 2,464,839
BURGESS, CATHERINE E. 2,465,239
BUSBY, DAN 2,444,066
BUTLER, MARK HENRY 2,466,545
BUTZ, ERIC A. 2,461,343
CAI, TIAN-QUAN 2,443,935
CAI, TIAN-QUAN 2,443,936
CALYPSO MEDICAL TECHNOLOGIES, INC. 2,465,847
CARRY, JEAN-CHRISTOPHE 2,465,691
CARRY, JEAN-CHRISTOPHE 2,465,695
CARRY, JEAN-CHRISTOPHE 2,465,877
CARTER, DARRICK 2,465,303
CASTELLANOS, PETER 2,466,539
CECCHIN, ANTHONY J. 2,467,442
CENTOCOR, INC. 2,464,695
CEZANNE, BERTRAM 2,465,713
CHAIRMAN, SIMON 2,462,649
CHAIT, ARNON 2,466,663

CHAIT, BRIAN 2,444,614
CHAND, POORAN 2,466,301
CHANDOR, JEFFREY FRAZER 2,462,827
CHANT, JOHN S. 2,465,239
CHAPOVAL, ANDREI 2,465,239
CHAROUS, LAUREN 2,465,948
CHAUDHURI, AMITABHA 2,465,239
CHEN, LEI 2,466,440
CHEN, SONGHUA 2,465,797
CHENEVIER, PHILIPPE 2,466,580
CHEUNG, WING K. 2,465,890
CHILDREN'S MEDICAL CENTER CORPORATION 2,466,487
CHUBU ELECTRIC POWER CO., INC. 2,466,484
CISCO TECHNOLOGY, INC. 2,466,704
CLAESSENS, PETER 2,466,831
CLARK, JANET RENEE 2,466,374
CLAXTON, BRUCE A. 2,467,442
CLINTON, WINSTON LLEWELLYN SR. 2,462,827
COCHLEAR LIMITED 2,466,480
COCZI, ISTVAN 2,466,489
COGNIS FRANCE S.A. 2,466,831
COHEN, HERBERT 2,444,614
COLAVITO, STEPHEN J. 2,465,892
COMMISSARIAT A L'ENERGIE ATOMIQUE 2,465,882
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,465,915
CONNEELY, ORLA 2,464,887
CONWAY, CHRISTOPHER J. 2,466,408
CORIXA CORPORATION 2,465,303
CORNILS GERD 2,465,694
COSMO S.P.A. 2,465,832
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH 2,466,590
COWGILL, NOAH D. 2,466,353
COX, IAN A. 2,468,289
CRANEL INCORPORATED 2,466,079
CRANFIELD UNIVERSITY 2,444,052
CRANLEY, PAUL E. 2,465,048
CRC FOR WELDED STRUCTURES LIMITED 2,465,915
CREATE-IT INC. 2,466,178
CREATIVE FRONTIER INC. 2,466,924
CURAGEN CORPORATION 2,464,845
CURAGEN CORPORATION 2,465,239
CURTIS, PAUL 2,444,066
CUSH, MICHAEL C. 2,466,079
CV THERAPEUTICS, INC. 2,466,477
DANA-FARBER CANCER INSTITUTE, INC. 2,464,700
DANOWSKI, KRISTINE L. 2,465,048
DE CASTRO, EMORY S. 2,466,362
DE HAUT, CHRISTIAN 2,466,831
DE NORA ELETTRODI S.P.A. 2,466,362
DE SCHEERDER, IVAN 2,466,432
DEBBER, DALE J. 2,465,808
DECEUNINCK, STEFAAN 2,466,486
DEMERS, DOUGLASS A. 2,466,408
DENG, HUA 2,466,362
DENINNO, MICHAEL PAUL 2,466,824
DERNBACH, MATTHIAS 2,466,295
DEVANE, JOHN 2,466,422
DEXTER, PAUL L. 2,465,265
DHONDT, MARIA 2,466,432
DIBENEDETTO, EMMANUELE 2,466,112
DIFAZIO, ROBERT A. 2,463,904
DILLER, DOV 2,465,913
DIMMER, STEVEN C. 2,465,847
DIMOTAKIS, EMMANUEL D. 2,466,348
DIPLACIDO, KEVIN 2,465,892
DOLITZKY, BEN ZION 2,465,597
DOLITZKY, BEN-ZION 2,465,913
DOMINO, RUDOLPH 2,466,730
DORF, MARTIN E. 2,465,188
DORON, AMIR 2,466,482
DORSCH, DIETER 2,465,713
DORSCH, DIETER 2,465,744
DOW GLOBAL TECHNOLOGIES INC. 2,465,048
DRISCOLL, PAUL 2,465,377
DU, RUYU 2,466,928
DU, YANSHENG 2,466,928
DUBE, ERIC 2,467,537
DUBINSKY, VLADIMIR 2,466,921
DUFFY, EDWARD 2,444,066
DUFRESNE, SYLVIE 2,466,307
DUNNING, TED E. 2,466,482
DUPLANTIER, ALLEN JACOB 2,466,724
E.I. DU PONT DE NEMOURS AND COMPANY 2,466,347
EASTLUND, BERNARD J. 2,465,786
EASWAR, VENKAT 2,466,179
EDINGER, SHLOMIT R. 2,465,239
EDMISTON, DARYL R. 2,466,325
EDMONDS, SHANE 2,465,892
EDWARDS, CARL M. 2,465,797
EGENERA, INC. 2,444,066
EGGERMONT, FILIP ALIDA 2,466,486
EGGERS, DARREL R. 2,465,881
EHRMAN, FRED D. 2,466,493
EIG, MARK H. 2,466,355
EISEN, ANDREW 2,465,239
ELIAS, ERIC 2,466,176
EL-KATTAN, YAHYA 2,466,301
ELLIOTT, JAMES DOUGLAS III 2,464,463
ELLIOTT, MICHAEL B. 2,464,909
ELOT, INC., AND ELOTTERY, INC. 2,468,279
ELZEIN, ELFATIH 2,466,477
EMOND, RIKARD 2,466,490
EMS TECHNOLOGIES, INC. 2,466,743
EMS TECHNOLOGIES, INC. 2,466,922
EQUISTAR CHEMICALS, L.P. 2,465,856
ERD, HANS-THOMAS 2,466,364
ESCO CORPORATION 2,466,353
ETHICON ENDO-SURGERY, INC. 2,466,423
ETHYPHARM 2,465,753
ETHYPHARM 2,466,580
EVANS, AMY K. 2,465,265
EXCELSUS TECHNOLOGIES, INC. 2,466,706
EXXONMOBIL CHEMICAL PATENTS INC. 2,466,493
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,466,374
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,466,441
FAHAM, AMINA 2,466,580
FAITA, GIUSEPPE 2,466,498
FALLIN, WADE T. 2,466,476
FANNING, MICHAEL PETER 2,465,915
FARLOW, MARTIN R. 2,466,928
FARMATRON LTD. 2,466,529
FAWELL, STEPHEN 2,464,887
FEDERICO, FULVIO 2,466,498
FEELEY, JENNIFER SCHAEFER 2,466,374
FERNANDEZ-CORBATON, IVAN JESUS 2,466,351
FINNERTY, CAINE 2,466,262
FISHER CONTROLS INTERNATIONAL LLC 2,466,932
FLEBA, GIAN PIERO 2,466,369
FLEXFORM TECHNOLOGIES, LLC 2,465,881
FOSSIL STEAM TECHNOLOGIES INC. 2,465,601
FOSTER WHEELER USA CORPORATION 2,466,485
FOULON, FRANCOIS 2,465,882
FOURER, ROBERT 2,464,909
FOURNIER, STEPHANE 2,466,307
FRADERA PELLICER, CARLOS 2,466,444
FREEDOM CELL POWER CORPORATION 2,466,262
FREEMAN, ROBERT A. 2,466,743
FRIARY, RICHARD J. 2,466,440
FRIEND, TIMOTHY R. 2,465,826
FUKAYA, ATSUSHI 2,466,484
GAGNE, MARTIN 2,467,537
GAGNON, CLAUDE 2,467,537
GAIGER, ALEXANDER 2,465,303
GALACTOGEN PRODUCTS LIMITED 2,466,278
GANGOLLI, ESHA A. 2,465,239
GANZEBOOM, WILHELMUS EVERHARDUS 2,466,446
GATELY, DANIEL A. 2,466,308
GAUZY-LAZO, LAURENCE 2,466,813
GEAGA, JORGE 2,466,924
GEHLSEN, KURT R. 2,466,083
GEM LIGHTING LLC 2,465,786
GENDROT, EDOUARD 2,465,753
GENENTECH, INC. 2,464,845
GENG, SCOTT 2,444,066
GENTEX CORPORATION 2,465,826
GERACI, LEO 2,466,925
GERBEC, DANIEL E. 2,466,476
GERBERDING, BRENT C. 2,466,817
GERLACH, VALERIE L. 2,465,239
GHOSH, MADHUSHREE 2,464,880
GIBBS, BERNADETTE M. 2,466,926
GILMORE, PETER 2,467,442
GIORDANO, PATRICK A. 2,465,892
GLASS, MITCHELL 2,466,081
GLEICHAUF, PAUL 2,466,704
GLEITZ, JOHANNES 2,465,713
GOLD, STEVEN 2,464,845
GOLDBERG, JESSICA WEISS 2,466,376
GORDON, THOMAS WILLIAM 2,465,915
GRAY, NEALE 2,465,918
GREENSPAN, ALAN 2,444,066
GRELL, MATTHIAS 2,465,744
GROVES, ROBERT H. 2,466,273
GRUHNE, MATTHIAS 2,466,482
GRUMSTRUP, BRUCE FREDERICK 2,466,932
GUARDIAN INDUSTRIES CORP. 2,465,607
GUARDIAN INDUSTRIES CORP. 2,466,488
GUIZARD, BENOIT 2,465,882
GUO, XIAOJIA 2,465,239
GUPTA, HEREMBA PRASAD 2,466,590
HAAS, LORANT 2,466,489

Index des demandes PCT entrant en phase nationale

HAELLI, RIKU 2,462,592
HAEUSSLER, MICHAEL E. 2,443,901
HAJEK, MILAN 2,465,768
HALL, TREVOR JAMES 2,466,672
HAMMER, JAMES 2,463,704
HAPPERSBERGER, PETER 2,466,947
HARKINS, TIMOTHY 2,464,839
HEAVNER, GEORGE 2,464,695
HELLERBRAND, KLAUS 2,466,947
HELLSTRAND, KRISTOFFER 2,466,083
HERMIDA, OCHOA ELIAS HUMBERTO 2,466,499
HIGGINS, LINDA S. 2,466,665
HILL, IRA D. 2,466,696
HINE, PETER JOHN 2,466,832
HIRATA, YOSHIHIRO 2,465,885
HOFFMEIER, DIETER 2,461,582
HOGG, PHILIP JOHN 2,466,303
HONDA GIKEN KOGYO KABUSHIKI KAISHA 2,466,360
HOOLANTS, INGRID 2,466,432
HORN, ERIC G. 2,466,505
HOSHINO, MASATO 2,465,397
HOUTS, THOMAS 2,464,839
HOWARD, JOHN G. 2,466,439
HOWELL, JAMES M. 2,466,743
HOWELL, JAMES M. 2,466,922
HRUBY, DENNIS E. 2,465,265
HU, ZHIYU 2,464,880
HUGHES, BERNADETTE 2,466,824
HUGHES, COURTNEY LAUREN 2,462,827
HUNT, DAVID W. C. 2,466,425
HYBRIZYME CORPORATION 2,465,519
IBRAHIM, PRABHA 2,466,477
ICHIKAWA, KIMIHISA 2,465,314
IMMUNEX CORPORATION 2,461,343
INGMAN, DOV 2,466,274
INNOVATA BIOMED LIMITED 2,466,448
INTEL CORPORATION 2,465,830
INTERACTIVE CONTENT ENGINES, LLC 2,465,909
INTERDIGITAL TECHNOLOGY CORPORATION 2,463,904
INTERNATIONAL TAPE PARTNERS LLC 2,466,696
INVENTION HOLDINGS PTY LTD. 2,466,539
ITAMI, HIROHIKO 2,466,322
JACKSON, CHARLES F. 2,467,442
JAIN, KIRAN 2,466,590
JAMBORNE ULBRECHT, MARIA 2,466,489
JAPAN SCIENCE AND TECHNOLOGY AGENCY 2,468,415
JAYA, NOMALIE 2,465,303
JAYARAMAN, SRIKANT 2,466,351
JEFFERSON, MATTHEW R. 2,465,892
JETTEN, JAN MATTHIJS 2,466,361
JI, WEIZHEN 2,465,239
JIN, RENZHE 2,465,890
JOHNSON, BETSY 2,466,926
JOHNSON, STEVEN W. 2,466,325
JOHNSTON, LEE W. 2,465,605
JONES, C. HAL 2,465,265
JONES, JOSEPH P. 2,466,408
JONSSON, BERTIL 2,466,914
JORGENSEN, LARS SKYTTE 2,466,564
KAESMAN, ANN MARIE 2,466,924
KAFTANOV, JULIA 2,465,597
KALIX, DAVID 2,465,601
KALKUM, MARKUS 2,444,614
KALLA, RAO 2,466,477
KAMPANATSANYAKORN, KRISADA 2,466,509
KANAMORI, YASUO 2,443,887
KAWASHIMA, ISAO 2,466,360
KEISER CORPORATION 2,466,435
KEISER, DENNIS L. 2,466,435
KELLEY, MARIAN 2,465,890
KELLY, JOHN 2,466,422
KEMP, MARK IAN 2,466,824
KENDALL, KEVIN 2,466,262
KENNEDY, MICHAEL J. 2,466,843
KHRAMTSOV, NIKOLAI V. 2,465,239
KIKO, FRÉDERICK J. 2,466,706
KIKUCHI, NORIO 2,443,887
KIMBERLY, ROBERT P. 2,465,040
KIMBERLY, ROBERT P. 2,465,314
KIMBERLY-CLARK WORLDWIDE, INC. 2,462,649
KING, RODERICK FREDERIK GERARDUS JOSEPH 2,466,278
KINOSHITA, SHIGERU 2,466,903
KIRANI, SHEKHAR 2,466,179
KISS, GABOR 2,466,441
KLUNGNESS, JOHN H. 2,466,505
KNOWLES, HARRY C. 2,465,892
KOHNERT, ULRICH 2,466,947
KOLIS, GEORGE 2,465,892
KOMURA, KIYOSHI 2,466,484
KOOPMAN, WILLIAM J. 2,465,040
KOOPMAN, WILLIAM J. 2,465,314
KOSSEK, SEBASTIAN 2,464,880
KOSTAMO, HARRI 2,466,576
KOVACS, ANDRAS 2,466,489
KOZLOWSKI, JOSEPH A. 2,466,440
KROCHMAL, BARNABA 2,465,913
KRUEGER, CHRISTOPHER S. 2,466,273
KRUTCHINSKY, ANDREW 2,444,614
KUMAR, VIPIN 2,466,590
KURZ, GUIDO 2,466,490
KURZ, GUIDO 2,466,491
KUZMA, NICHOLAS N. 2,466,991
L & P SWISS HOLDING COMPANY 2,466,486
LAINE, EINO 2,466,576
LAMAZE, AIRY-PIERRE 2,464,340
LAMBRACHE, EMIL 2,465,843
LARSEN, LANCE DANIEL 2,462,827
LASKY, LAWRENCE 2,464,845
LATHABAI, SRINIVASARAO 2,465,915
LAVEY, BRIAN J. 2,466,440
LAVIEVILLE, JEAN-PAUL 2,466,666
LAY, DIETER F. 2,466,660
LE, THACH CAM 2,466,924
LE-BRUN, ALAIN 2,466,813
LEHMANN, ANDERS 2,466,916
LEIFERKUS, JAN 2,444,052
LEITE, MARIO W. 2,465,239
LEITNER, JOSEF 2,466,299
LENTZ, MICHAEL J. 2,466,505
LESTER, SIMON EDMUND GEORGE 2,466,278
LEVIS, MAURICE E. 2,465,786
LEVY, JOSEPH 2,466,508
LEWIN, DAVID 2,464,845
LEYBOLD VAKUUM GMBH 2,466,571
LI, LI 2,464,695
LI, LI 2,465,239
LI, XIAOFEN 2,466,477
LIAO, SHUTSUNG 2,466,033
LIEDTKE, CHRISTIAN 2,444,052
LIGHTECH ELECTRONICS INDUSTRIES LTD. 2,465,829
LIGHTSURF TECHNOLOGIES, INC. 2,466,179
LINDER, RICHARD J. 2,466,325
LINDH, INGVAR 2,463,636
LITVAY, JOHN D. 2,465,605
LIU, DAVID Y. 2,466,665
LIU, YINGFANG 2,465,268
LOBUGLIO, ALBERT F. 2,465,040
LOBUGLIO, ALBERT F. 2,465,314
LONG, GARY L. 2,466,423
LOPER, STEVEN W. 2,466,273
LOWERY, DAVID E. 2,466,843
LOWRY, JAMES 2,465,781
LUTWYCHE, PETER 2,466,425
LUTWYCHE, PETER 2,466,437
LYCORED NATURAL PRODUCTS INDUSTRIES LTD. 2,466,508
MAAS, WIM 2,466,364
MACKENZIE, DARRIN H. 2,466,408
MALSBURY, ALLEN S. 2,466,485
MANCA, PETER 2,444,066
MANGHI, MANUELA 2,465,404
MARCHESINI, ALESSANDRO 2,465,397
MARECHAL, DOMINIQUE 2,466,580
MARSHALL, BARRY J. 2,462,649
MART, JOHN CHARLES 2,466,374
MARTELLI, GIAN NICOLA 2,466,362
MARTIN, PHILIP G. 2,466,481
MARTIN, WILLIAM 2,465,892
MASSARO, MICHAEL 2,466,376
MASSIRONI, MARIA GABRIELLA 2,466,529
MATHE, JOHN G. 2,466,273
MATHER, JENNIE POWELL 2,463,927
MATSUHISA, TOSHIO 2,466,322
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 2,465,815
MATTILA, JUHA 2,462,592
MAXIM PHARMACEUTICALS, INC. 2,466,083
MAZZUCCHELLI, GABRIELE 2,466,369
MCALISTER, MARK 2,465,377
MCCAIN FOODS (GB) LIMITED 2,466,439
MCINTYRE, JAMES A. 2,465,048
MCMICHAEL, DONALD J. 2,462,649
MCNEILL, PATRICIA D. 2,465,303
MEDERSKI, WERNER 2,465,713
MEDERSKI, WERNER 2,465,744
MEDI-PHYSICS, INC. 2,466,991
MEDIVAC TECHNOLOGY PTY LIMITED 2,466,545
MEDTRONIC, INC. 2,466,427
MELDER, JOHANN-PETER 2,466,295
MENDIS, ARUNI H. W. 2,462,649
MENGEL, PETER 2,466,359
MERCK & CO., INC. 2,443,935
MERCK & CO., INC. 2,443,936
MERCK PATENT GMBH 2,465,713
MERCK PATENT GMBH 2,465,744
MERLET, STEPHANIE 2,466,831
MERLO, LUCA 2,466,369
MERRILL LYNCH & CO., INC. 2,462,827
MESHNETWORKS, INC. 2,466,758
METROLOGIC INSTRUMENTS, INC. 2,465,892

MEZES, PETER S. 2,465,239
MIETZ EGLI, PAUL 2,466,179
MIGNANI, SERGE 2,465,691
MIGNANI, SERGE 2,465,695
MIGNANI, SERGE 2,465,877
MILLER, STEPHEN MICHAEL MULFORD 2,462,827
MILLER, THEODORE E., JR. 2,465,048
MILLET, ISABELLE 2,465,239
MILLS, ALEXANDER K. 2,466,012
MILNE, EWAN 2,444,066
MILOJEVIC, DUSAN 2,466,480
MITSUBISHI PHARMA CORPORATION 2,443,918
MIYATA, KENJI 2,466,335
MODY, KRIPA DEVAGNA 2,465,823
MOERMAN, ROBERT 2,466,513
MOLEE, KENNETH JOHN 2,465,605
MOLITOR, JEAN-PIERRE 2,466,831
MONK, WENDY 2,466,437
MONZANI, PAOLO 2,466,369
MORO, LUIGI 2,465,832
MORROW, J. 2,465,781
MOTOROLA, INC. 2,467,442
MOVSESSIAN, SERGIO 2,465,892
MUELLER, BRUCE M. 2,466,660
MULTIPLE LLC 2,465,896
MUSICMATCH, INC. 2,466,482
NADEAU, DANIEL 2,467,537
NAGAYA, SHIGEO 2,466,484
NAGY, SANDOR 2,465,856
NAKAMURA, AKIRA 2,468,415
NAKAMURA, KUNIHIKO 2,465,815
NAKAMURA, TAKAHIRO 2,466,903
NAKANISHI, YOSHITO 2,465,815
NASLI-BAKIR, BENYAHIA 2,463,636
NATIONAL JEWISH MEDICAL AND RESEARCH CENTER 2,465,268
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK, TNO 2,466,361
NEJAD, BEN 2,466,660
NELLER, MARK KEVIN 2,465,915
NELSON, IAN 2,466,991
NELSON, JEFFREY 2,468,425
NGUYEN, TUAN ANH 2,466,092
NICODEMUS, CHRISTOPHER F. 2,464,947
NICOLA, MAZIN 2,465,918
NIELSEN, BODIL IRENE MOSEKAER 2,466,564
NIKE INTERNATIONAL LTD. 2,466,515
NILSSON, MARIANNE 2,466,490
NILSSON, MARIANNE 2,466,491
NISNEVICH, GENNADY 2,465,597
NOCEDAL, JORGE 2,464,909
NORITAKE CO., LIMITED 2,466,484
NORTH, JOHN ROBERT 2,466,425
NORTH, JOHN ROBERT 2,466,437
NOUJAIM, ANTOINE 2,464,947
NOURI, NOURREDINE 2,465,753
NURMINEN, TEPPO 2,462,592
NUVERA FUEL CELLS EUROPE S.R.L. 2,466,369
NYFELT, LEIF 2,466,594
OASE WUBKER GMBH & CO. KG. 2,461,582
OBA, TOSHINORI 2,466,908
OFFUTT, JOSEPH 2,465,801
OHNUKI, HIROSHI 2,466,335
OLARTE, ALVARO MAURICIO 2,465,896
OLDANI, DARIO 2,465,404
OLGIN, STEVEN BRUCE 2,462,827
OLLINGER, CHARLES G., IV. 2,466,353
O'NEILL, PATRICK G. 2,464,909
ONG, CHIN, CHAI 2,466,537
OOI, CHEAN ENG 2,465,239
OQAWA, MAKOTO 2,466,348
OR-LE-OR LTD. 2,466,274
ORT, TATIANA 2,465,239
ORTEN, THOMAS 2,465,694
ORTHO-MCNEIL PHARMACEUTICAL, INC. 2,465,890
OSHUMI, JUN 2,465,314
OSSWALD, MATHIAS 2,465,744
OTA, MASAHIRO 2,466,908
OTSUKA PHARMACEUTICAL CO., LTD. 2,458,929
PADIGARU, MURALIDHARA 2,465,239
PALINKAS, RICHARD L. 2,443,652
PALLE, VENKATA 2,466,477
PALMER, MICHAEL JOHN 2,466,824
PARAGON TRADE BRANDS, INC. 2,465,605
PARAGON TRADE BRANDS, INC. 2,466,926
PARKER, JOHN 2,466,480
PATTURAJAN, MEERA 2,465,239
PEARL, LAURENCE 2,465,377
PECHINEY RHENALU 2,464,340
PEETERS, JOHN P. 2,464,880
PENA, CAROL E.A. 2,465,239
PERGO (EUROPE) AB 2,466,586
PERLORICA, INC. 2,464,463
PERRY, THAO 2,466,477
PETER, THOMAS H. 2,443,652
PETERSON, KRISTY 2,462,649
PFIZER INC. 2,466,824
PFIZER PRODUCTS INC. 2,466,724
PHAM, HAI-MINH 2,466,092
PHARMACIA & UPJOHN COMPANY 2,466,843
PHARMACIA CORPORATION 2,464,707
PHILD CO. LTD. 2,465,885
PILLOT, PIERRE 2,465,898
PIRHONEN, SALME 2,463,636
POHLING, SYLKE 2,466,947
POLYAK, KORNELIA 2,464,700
PORTELANCE, MARTIN 2,467,537
PORTER, DALE 2,464,700
POYET, JEAN-PIERRE 2,466,500
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,465,188
PRODROMOU, CHRISOSTOMOS 2,465,377
PROTIVERIS, INC. 2,464,880
PROTTER, ANDREW A. 2,466,665
PUNGELLO, MICHAEL LOUIS 2,462,827
QLT INC. 2,466,425
QLT INC. 2,466,437
QUALCOMM INCORPORATED 2,466,351
QUALCOMM INCORPORATED 2,466,352
QUINN SENGER, KERRY E. 2,465,239
RAMUNNI, ENRICO 2,466,369
RASMUSSEN, JOHANNES 2,466,587
RASTELLI, LUCA 2,465,239
RASTOGI, ALOK CHANDRA 2,466,590
RAVEN BIOTECHNOLOGIES, INC. 2,463,927
RAYONIER INC. 2,443,901
REA, KEITH 2,465,781
REAL CONSULTING LLC 2,465,808
REEVES, ROBERT A. 2,465,835
REIFLER, MICHAEL 2,465,283
REY-FLANDRIN, ROBERT 2,464,340
RICHARDS, SCOTT H. 2,467,442
RICHTER, ANNA M. 2,466,425
RIEGER, DANIEL K. 2,465,239
ROBERTS, GLYN 2,465,823
ROBITAILLE, SIMON 2,466,307
ROBY, RUSSELL, R. 2,466,927
RODRIGUEZ, ARTURO A. 2,466,667
ROGERS, FRED 2,466,408
ROKMAN, KAY 2,466,576
RONAN, BAPTISTE 2,465,877
RONDEAU, PIERRE 2,467,537
ROSE, STEVEN W. 2,465,909
ROSENBERG, RONALD SCOTT 2,462,827
ROSNER, BETTINA M. 2,465,048
RUBICON MEDICAL, INC. 2,466,325
RUDOLPH, SUNITHA 2,465,890
RUKHMAN, IGOR 2,465,597
RUSSELL, GARRETT K. 2,465,892
RYBACK, RALPH 2,466,519
SABRE INC. 2,465,801
SAI, EISAKU 2,466,335
SAINI, SELWAYAN 2,444,052
SAINT-GOBAIN GLASS FRANCE 2,465,694
SALMISUO, MAURI 2,462,592
SALVI-CHIARA, LYNDA MARIE 2,462,827
SALVIN, ROGER PIERRE-ELIE 2,465,397
SAMARA-RUBIO, DEAN 2,465,830
SAMARTZIDOU, HRISSI 2,464,839
SANDVOS, JERRY L. (DECEASED) 2,467,442
SANTANA, ROBERT L. 2,466,493
SARANTEAS, KOSTAS 2,466,806
SAVVA, RENOS 2,465,377
SCHERING CORPORATION 2,466,440
SCHLEGEL, KARRI L. 2,466,325
SCHLUMBERGER CANADA LIMITED 2,466,500
SCHMIDT, MARK C. 2,465,892
SCHULTER, PETER 2,444,066
SCHULTES, BIRGIT C. 2,464,947
SCHUR PACKAGING SYSTEMS A/S 2,466,587
SCHURZKY, KENNETH G. 2,466,493
SCIENTIFIC-ATLANTA, INC. 2,466,667
SCIL TECHNOLOGY GMBH 2,466,947
SCIOS INC. 2,466,665
SCOTT, C. TIM 2,466,505
SCOTT, NEAL 2,466,226
SCOTT, ROBIN L. 2,466,273
SEALY TECHNOLOGY LLC 2,465,578
SEAQUIST CLOSURES FOREIGN, INC. 2,466,660
SEARS, KARL D. 2,443,901
SEELEY, TIMOTHY 2,464,880
SEGAL, JEROME 2,466,226
SEGERAL, GERARD 2,466,500
SEMINARA, SALVATORE 2,464,880
SENANAYAKE, CHRIS H. 2,466,806
SENJU PHARMACEUTICAL CO., LTD. 2,443,918
SENTION, INC. 2,464,691
SEPRACOR, INC. 2,466,806
SETH, PANKAJ 2,464,700

SETTE, GRACE THERESA 2,462,827
SETTERBERG, JOHN RICHARD JR. 2,466,582
SHANKAR, BANDARPALLE B. 2,466,440
SHAPIRO, IRA PAUL 2,462,827
SHARMA, BASANT 2,465,890
SHARONI, YOAV 2,466,508
SHERMAN, VADIM 2,444,614
SHIH, NENG-YANG 2,466,440
SHIMKETS, RICHARD A. 2,464,845
SHIRODKAR, PRADEEP P. 2,466,493
SHU, HONG-BING 2,465,268
SHU, YOUHENG 2,466,440
SIEMENS AKTIENGESELLSCHAFT 2,466,359
SIG ALLCAP AG 2,466,364
SIGA TECHNOLOGIES, INC. 2,465,265
SIMARD, MARIO 2,466,307
SIMKIN, GUILLERMO O. 2,466,425
SIMON, RUDY J. 2,466,180
SIRCH, TILMAN 2,466,295
SKIBIK, GEORGE EDWARD JR. 2,462,827
SLATTER, GREG J. 2,464,707
SLEPNEV, VLADMIR I. 2,464,691
SMARANDOIU, GEORGE 2,465,843
SMEE, JOHN 2,466,351
SMITH, BARRY C. 2,465,801
SMITH, KENNETH 2,466,348
SMITH, MAX 2,444,066
SMITHSON, GLENNDA 2,465,239
SMRCEK, JOSEF 2,465,768
SOCIETE DES PRODUITS NESTLE S.A. 2,465,898
SOLED, STUART LEON 2,466,441
SOLOMON, TINA R. 2,443,901
SONG, CHING 2,466,033
SONOCO DEVELOPMENT, INC. 2,465,781
SPADERNA, STEVEN K. 2,465,239
SPADONE, THOMAS 2,464,340
SPAZIANTE, PLACIDO MARIA 2,466,509
SPENCER, JOHN 2,465,601
SPENDER-ANDERSEN, NIELS 2,466,564
SPIEGELBERG, GREGORY S. 2,466,079
SPRACHMAN, BEN 2,444,066
SPYTEK, KIMBERLY A. 2,465,239
SQUIRREL HOLDINGS LTD. 2,466,509
SRINIVASAN, MAITHREYAN 2,465,283
STACHOWIAK, GRZEGORZ 2,465,607
STANCHFIELD, OLIVER 2,466,586
STEFANCHIK, DAVID 2,466,423
STEFANCHIK, MICHAEL F. 2,466,273
STERIS EUROPE INC. SUOMEN SIVULIIKE 2,462,592
STEVENSON, MICHAEL J. 2,465,835
STONE, DAVID J. 2,465,239
STRICKLAND, ALAN D. 2,465,048
STRYKER ENDOSCOPY 2,466,476
SUBRAMANIAN, VENKITESWARAN 2,465,048
SUBRAMANYAM, CHAKRAPANI 2,466,724
SUED-CHEMIE CATALYSTS JAPAN, INC. 2,466,322
SULLIVAN, JEFFREY M. 2,466,308
SUN CHEMICAL CORPORATION 2,466,348
SUN, LARRY 2,465,048
SUPLIE, PASCAL 2,465,753
SUZUKI, KAZUAKI 2,465,885
SUZUKI, TAKEHIRO 2,466,484
SUZUKI, YASUHIRO 2,466,908
SWOPE, CHARLES B. 2,467,442
SZABO, GYULA 2,466,489
TABART, MICHEL 2,465,877
TAGUCHI, HISATOMI 2,466,484
TAILLON, BRUCE 2,464,845
TAKAI, TOSHIYUKI 2,468,415
TAKASE, HIROAKI 2,465,885
TAKAYAMA, YOSHIKO 2,443,918
TAKUBO, TAKAHISA 2,466,335
TANOURY, GERALD J. 2,466,806
TARDIF, JEAN-CLAUDE 2,466,081
TARTANELLA, PAUL JOSEPH 2,462,827
TECHNISCHE UNIVERSITEIT DELFT 2,466,513
TERRY, STEPHEN E. 2,463,904
TESHIGAWARA, SATOSHI 2,466,322
TEVA PHARMACEUTICAL INDUSTRIES LTD. 2,465,597
TEVA PHARMACEUTICAL INDUSTRIES LTD. 2,465,913
THE INSTITUTE OF CANCER RESEARCH 2,465,377
THE INSTITUTES FOR PHARMACEUTICAL DISCOVERY, LLC 2,466,925
THE ROCKEFELLER UNIVERSITY 2,444,614
THE UNIVERSITY OF CHICAGO 2,466,033
THE UNIVERSITY OF MANITOBA 2,465,916
THERMAL DYNAMICS CORPORATION 2,466,408
THOMAS, JEAN-LUC 2,466,666
TIMMERMAN, EVERT JAN GERRIT 2,466,361
TIMPERMAN, AARON T. 2,464,350
TONG, LING 2,466,440
TOSKEY, ERIC 2,466,500
TOYO ROKI SEIZO KABUSHIKI KAISHA 2,466,908
TS TECH CO., LTD. 2,466,360
TSAKLAKIDIS, CHRISTOS 2,465,713
TSO3 INC. 2,466,307
TSOU, YU-MIN 2,466,362
TSUJIMORI, HISAYUKI 2,458,929
TURCOT, RICHARD 2,466,307
TWOMLOW, NANCY 2,465,239
UAB RESEARCH FOUNDATION 2,465,040
UAB RESEARCH FOUNDATION 2,465,314
UCKERT, FRANK P. 2,466,347
UEDA, YOSHIO 2,465,885
UEHATA, MASAYOSHI 2,443,918
UHDENORA TECHNOLOGIES S.R.L. 2,465,404
UHDENORA TECHNOLOGIES S.R.L. 2,466,498
UNILEVER PLC 2,465,823
UNILEVER PLC 2,466,376
UNIROYAL CHEMICAL COMPANY, INC. 2,443,652
UNISEARCH LIMITED 2,466,303
UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY OF AGRICULTURE 2,466,505
UNIVERSITY COLLEGE LONDON 2,465,377
UNIVERSITY OF OTTAWA 2,466,672
VAE EISENBAHNSYSTEME GMBH 2,466,299
VAE GMBH 2,466,299
VALLGARDA, JERK 2,466,490
VALLGARDA, JERK 2,466,491
VAN DEN DOOL, RONALD TAKO MARINUS 2,466,361
VAN ZANDT, MICHAEL C. 2,466,925
VANDERBILT UNIVERSITY 2,466,112
VANHOUT, WARREN L. 2,466,427
VANTHOURNOUT, OLIVIER FREDDY 2,466,486
VANTICO AG 2,465,397
VARKHEDKAR, VAIBHAV 2,466,477
VEERASAMY, VIJAYEN S. 2,466,488
VERNET, CORINE A. M. 2,465,239
VERSI, EBRAHIM 2,464,707
VERSLAND, KATHLEEN 2,462,827
VERT TECH LLC 2,466,176
VILK, PETER 2,465,768
VILLA, ROBERTO 2,465,832
VINCENT, MARK 2,465,916
VOLL BARCLAY, KARIN A. 2,466,308
VOLLRATH, FRITZ 2,465,276
VOLVO AERO CORPORATION 2,466,914
VOSS, EDWARD Z. 2,465,239
WALKER, ALAN 2,465,801
WANG, CAILI 2,465,178
WANG, XINWEI 2,465,178
WARD, IAN MACMILLAN 2,466,832
WARDLAW, DOUGLAS 2,466,674
WARNER-LAMBERT COMPANY 2,466,335
WARTINI, ALEXANDER 2,466,295
WASCHKE, HOLGER 2,466,359
WATANABE, SYOZO 2,466,484
WEATHERFORD/LAMB, INC. 2,466,582
WEINSTEIN, ALLAN M. 2,465,671
WEINSTEIN, ROBERT, E. 2,465,671
WEIZEL, SHLOMIT 2,465,597
WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION 2,464,350
WESTBLOCK SYSTEMS, INC. 2,463,704
WHITE, ERIC 2,466,758
WIDGER, ASHLEIGH RYAN 2,462,827
WIGGINS, THOMAS 2,464,880
WILKINSON, HAROLD S. 2,466,806
WILLENEGGER, SERGE 2,466,352
WILLEY, JOHN JEFFREY 2,465,519
WILLIAMS, MEREDITH 2,466,491
WILSON, SCOTT HAROLD 2,466,515
WILZ, DAVID M., SR. 2,465,892
WITTENBRINK, ROBERT JAY 2,466,374
WIZEL, SHLOMIT 2,465,913
WOLFE, THOMAS D. 2,464,463
WONG, MICHAEL K. C. 2,466,440
WOOD, ANTHONY 2,466,824
WRIGHT, SAMUEL D. 2,443,935
WRIGHT, SAMUEL D. 2,443,936
WU, MINWAN 2,466,301
XIAO, DENGMING 2,466,477
XU, LIANGGUO 2,465,268
XUE, JIANXIAN 2,466,481
YACENDA, MICHAEL W. 2,468,279
YAJIMA, KAORI 2,468,415
YAMAGUCHI, TAKASHI 2,466,360
YAMAGUCHI, TATSUYA 2,458,929
YANG, WEN 2,464,839

YARDNEY TECHNICAL PRODUCTS, INC.	2,466,350
YAZAKI CORPORATION	2,443,887
YM BIOSCIENCES, INC.	2,465,916
YOSHIDA, YUKUO	2,443,918
ZABLOCKI, JEFF	2,466,477
ZASLAVSKY, BORIS Y.	2,466,663
ZERHUSEN, BRYAN D.	2,465,239
ZHANG, GONGYI	2,465,268
ZHANG, LIAN	2,466,490
ZHONG, MEI	2,465,239
ZHONG, PINGYU	2,465,178
ZHOU, GUOWEI	2,466,440
ZHOU, TONG	2,465,040
ZHOU, TONG	2,465,314
ZLOTA, ANDREI A.	2,466,806
ZOCCHI, ANDREA	2,466,509
ZURCHER, ALAIN	2,465,898

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

AKAMATSU, SUGURU	2,467,871
APCOM, INC.	2,468,090
BEIGELMAN, LEONID	2,468,048
BRITTO, IGNATIUS LOY	2,467,462
BUCHWALD, STEPHEN L.	2,467,977
BURGESON, ROBERT E.	2,467,757
CARNEY, JAMES K.	2,466,742
CHOWRIRA, BHARAT	2,468,048
COLOR KINETICS INCORPORATED	2,466,717
DION, MICHEL PIERRE	2,467,801
DIRENZO, ANTHONY	2,468,048
DRAPER, KENNETH G.	2,468,048
DUDYCZ, LECH W.	2,468,048
EDLUND, DAVID J.	2,467,012
ELSTER ELECTRICITY, LLC	2,466,956
FUJITA, SHIGEO	2,466,401
FULLER, CHRISTOPHER	2,468,090
GRAY, MARTIN D.	2,466,569
GREEN ENGINEERING LIMITED	2,467,464
GRIMM, SUSAN	2,468,048
GU, CHU-JUN	2,467,464
HEMMINGER, RODNEY C.	2,466,956
HERRON, THOMAS G.	2,467,012
IDATECH, LLC	2,467,012
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE	2,467,801
INSTITUT PASTEUR	2,467,801
JEFFERY, CLARK R.	2,466,950
JOHNSON & JOHNSON PROFESSIONAL, INC.	2,467,412
KARPEISKY, ALEXANDER	2,468,048
KATSURAGI, KIYONORI	2,467,871
KISICH, KEVIN	2,468,048
KLEIN, GEORGE J.	2,466,742
LEE, BRIAN B.	2,466,742
LIZARDI, JOSE E.	2,467,412
LUNDY, CHARLES E.	2,467,762
LYS, IHOR A.	2,466,717
MACHIKAWA, FUSAICHI	2,467,871
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2,467,977
MATULIC-ADAMIC, JASENKA	2,468,048
MCSWIGGEN, JAMES A.	2,468,048
MEDTRONIC, INC.	2,466,742
MELOUL, RAOHAEL F.	2,467,412
MODAK, ANIL	2,468,048
MUCHIN, JEROME D.	2,467,762
MUELLER, GEORGE G.	2,466,717
MUNDAY, MARK L.	2,466,956
NODA, ATSUNARI	2,467,871
ODA, TETSUYA	2,467,871
OTSUKA PHARMACEUTICAL CO., LTD.	2,467,871
OTSUKA, KAZUSHI	2,466,401
OVERLAND STORAGE, INC.	2,466,569
PALUCKI, MICHAEL	2,467,977
PAVCO, PAMELA	2,468,048
PLEDGER, WILLIAM A.	2,467,012
POPOFF, MICHAEL YVAN	2,467,801
RIBOZYME PHARMACEUTICALS, INC.	2,468,048
RIFF, KENNETH M.	2,466,742
ROBERTSON, JOHN CHARLES	2,467,866
SMITHKLINE BEECHAM CORPORATION	2,467,462
STINCHCOMB, DAN T.	2,468,048
SULLIVAN, SEAN M.	2,468,048
SWEEDLER, DAVID	2,468,048
TACHIKAWA, TETSUYA	2,467,871
TAKAHASHI, KENICHI	2,466,401
TAKAHASHI, SHIGEO	2,467,871
TAKAO KINZOKU KOGYO CO., LTD.	2,466,401
THE GENERAL HOSPITAL CORPORATION	2,467,757
THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUC ATION ON BEHALF OF OREGON HEALTH SCIENCES UNIVERSITY	2,467,757
THOMPSON, JAMES D.	2,468,048
TRACZ, DANUTA	2,468,048
TURI, GREGG	2,466,742
UNITED STATES SURGICAL CORPORATION	2,467,866
UNIVERSITY OF HOUSTON	2,465,957
USMAN, NASSIM	2,468,048
VARRICHIO, ANTHONY J.	2,466,742
VIOLA, FRANK J.	2,467,866
WAGMAN, DAVID WOLFE	2,467,757
WARKENTIN, DWIGHT	2,466,742
WILDMAN, GARY C.	2,467,762
WILLSON, RICHARD COALE	2,465,957
WINCOTT, FRANCINE E.	2,468,048
WOLFE, JOHN P.	2,467,977
WOOLF, TOD	2,468,048
YAMAGUCHI, SHIGEYA	2,466,401